AD-A128 121 COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 1/5

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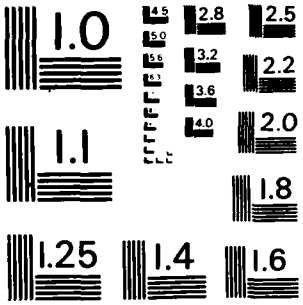

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31 MAR 1983

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

COLD LAKE APT,CN MSC # 711200
N 54 25 W 110 17 ELEV: 1775 FT CYOD
PARTS A - F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 73 - DEC 82
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO LST: -7

28 MAR 1983

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

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UNCLASSIFIED ADE 850 321 CN 71200

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REPORT DOCUMENTATION PAGE

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1. REPORT NUMBER: USAFETAC/DS 83/007

2. GOVT ACCESSION NO.

3. RECIPIENT'S CATALOG NUMBER

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Scott AFB, IL 62225

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18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for

COLD LAKE AIRPORT, CANADA

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*CANADA *COLD LAKE AIRPORT
*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

ADE RMD 371

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

The lack of the Summary of the Day (SOD) data limits the summaries contained in this RUSSWO. The Daily Summaries for the cumulative Percentage Frequencies for Maximum, Minimum and Mean Temperatures and the extreme maximums and minimum temperatures are included. These summaries were prepared by using the hourly temperature values and a specifically designed computer program to calculate these tables. Although these data are extremely close and very reliable, they may not exactly agree with other published data. Hourly wind data are available, however, the peak winds (SOD) data are not included.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

[illegible]

DAILY OBSERVATIONS

[illegible]

DESCRIPTION OF SUMMARIES

[illegible]

[illegible]

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX MIN. & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

[illegible]

MISSING HOUR GROUPS

[illegible] are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
25129	Cold Lake Alberta DOT Apt	N 54 25	W 110 17	1775	CYOD	71120

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO	
1	Cold Lake Alberta Apt	DOT	Jan 57	Feb 81	N 54 25	W 110 17	1775	N/A	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 57 to Feb 81	Not Available	N/A	N/A	N/A	DOT Magnetic Tape Jan 57 - Feb 81.

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

U S AIR FORCE
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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 12 0 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02			1.0	36.7		39.2	4.0		.6		4.6	891
	03-05			.7	40.2	.1	40.9	7.5		.6		8.1	[illegible]
	06-08			.6	40.7		41.4	8.6		.8		9.4	884
	09-11		.3	.6	35.6		36.2	10.9	.1	.6		11.5	884
	12-14		.2	.2	33.1		33.5	4.4		.4		4.8	896
	15-17		.1	.1	27.2		27.4	1.2	.2	.2		1.7	[illegible]
	18-20		.1	.4	33.7	.3	34.0	1.7	.1	.9		2.7	896
	21-23		.3	.7	36.7	.2	37.4	2.4	.3	.7		3.4	[illegible]
TOTALS			.1	.6	35.7	.1	36.3	5.1	.1	.6		5.8	7174

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
71120	COLD LAKE APT CN	73-87	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OBS
FEB	00-02		.1	.1	28.9		29.0	2.3	.1	.5		3.0	813
	03-05		1.1	.5	31.1		32.6	5.1	.5	.5		6.1	817
	06-08			.6	30.9	.1	31.5	7.1		.4		7.5	802
	09-11			.5	32.1		32.6	7.7	.7	.7		9.2	806
	12-14		.6	.2	26.2		26.7	1.1		.5		1.6	820
	15-17		.8	.2	19.8		20.5	.2	.2			.3	33
	18-20				23.2		23.2	.4		.3		.6	797
	21-23			.5	24.0		24.1	1.2	.1	.1		1.5	825
TOTALS			.3	.3	27.0	.0	27.5	3.1	.2	.4		3.8	6513

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 12 0 COLD LAKE APT CN 73-82 MAR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		.3	.1	20.2		20.4	.9				.9	907
	03-05	.1	.7	.3	22.5		22.9	3.9	.2	.2		4.4	917
	06-08		.7	.7	21.3	.1	22.2	6.0				6.0	896
	09-11		.3	.8	21.3		21.9	3.0	.2			3.2	903
	12-14		.1	.1	15.7	.1	15.9	.7		.1		.8	902
	15-17		.6		12.9		13.7	.1		.4		.6	906
	18-20		.8	.1	13.9	.1	14.7	.4		.3		.8	895
	21-23		.4	.1	14.9		15.1	.7	.2			.9	906
TOTALS		.0	.5	.3	17.8	.0	18.4	2.0	.1	.1		2.2	7232

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7120D COLD LAKE APT CN 73-82 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		3.3		10.7		13.9	2.2	.7			2.9	859
	03-05		4.2		11.0		15.0	3.7	.5	.3		4.5	864
	06-08		4.0	.2	12.0	.1	16.1	3.0	.6	.2		3.9	857
	09-11		3.3		9.8		12.7	1.6	.8	.1		2.6	856
	12-14		4.7		8.4	.2	12.9	1.4		.2		1.6	867
	15-17		5.9		6.3	.1	11.4	1.7	.6	.2		2.5	885
	18-20		5.1		6.4		10.8	2.5	.1			2.7	863
	21-23	.2	5.4		8.0		12.9	2.4	1.1			3.6	873
TOTALS		.0	4.5	.0	9.1	.1	13.2	2.3	.6	.1		3.0	6924

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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WEATHER CONDITIONS

71120 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.3	9.7		2.1		11.8	3.2	1.3			4.5	957
	03-05	.1	9.3		1.6		10.9	7.1	1.0			8.1	902
	06-08		9.6		2.7		12.2	6.3	1.6	.1		8.0	882
	09-11		10.6		2.3		12.9	2.3	2.3		.1	4.7	894
	12-14	.9	11.9		1.9	.1	13.8	1.1	1.0		.2	2.4	893
	15-17	1.0	11.6		1.6		13.1	.9	1.9			2.7	915
	18-20	.7	9.8		1.2	.1	11.0	.9	.7			1.6	897
	21-23	.2	7.5		1.0	.1	8.5	1.9	2.3			4.2	903
TOTALS		.4	10.0		1.8	.0	11.8	3.0	1.5	.0	.0	4.5	7193

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7:12:00 STATION | COLD LAKE APT CN STATION NAME | 73-82 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	.8	9.2				9.2	3.9	.4			3.9	838
	03-05	.6	11.5				11.5	12.2	.5			12.4	842
	06-08	.9	12.4				12.4	4.6	.5		.1	5.1	846
	09-11	1.5	11.9				11.9	2.3	.4			2.6	841
	12-14	1.5	14.5			.2	14.5	2.5				2.5	827
	15-17	1.2	12.1				12.1	1.3	.4			1.7	835
	18-20	2.7	10.4			.1	10.4	1.5	.1			1.6	823
	21-23	2.1	9.8				9.8	2.0	.4			2.1	850
TOTALS		1.4	11.5			.0	11.5	3.8	.3		.0	4.0	6702

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

711200 COLD LAKE APT CN 73-82 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	2.8	8.9			.1	8.9	3.6	.3			4.0	886
	03-05	.9	8.1				8.1	16.0	.1			16.0	888
	06-08	.1	9.4				9.4	6.9	.6			7.3	872
	09-11	.2	8.9				8.9	2.1	1.6			3.7	873
	12-14	2.0	9.7				9.7	1.6	.5			2.1	864
	15-17	3.4	10.4				10.4	.9	1.5			2.4	881
	18-20	2.4	7.5				7.5	1.0	.2			1.3	862
	21-23	3.1	8.2				8.2	2.1	.4			2.6	889
TOTALS		1.9	8.9			.0	8.9	4.3	.7			4.9	7015

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

71120 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	1.6	8.8				8.8	4.6	1.2			5.1	899
	03-05	1.7	10.2				10.2	13.2	1.8			14.4	909
	06-08	.8	12.8				12.8	9.8	1.8			10.9	895
	09-11	.1	10.4			.1	10.4	4.0	3.4			7.1	902
	12-14	1.8	13.0				13.0	1.8	2.3			3.7	888
	15-17	3.3	11.8			.1	11.8	1.7	2.7			4.2	898
	18-20	2.3	10.5				10.5	2.3	1.5			3.5	880
	21-23	2.3	9.5				9.5	4.1	2.8			6.1	905
TOTALS		1.7	10.9			.0	10.9	5.2	2.2			6.9	7176

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7:1200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.9	10.4		1.1		11.5	5.6	1.4			6.6	882
	03-05	.5	10.8		1.1		11.9	8.9	1.2			10.2	883
	06-08		12.7		.8		13.3	11.0	1.1			12.0	849
	09-11		13.1		1.5	.1	14.0	6.2	1.7			7.9	881
	12-14		11.6		.9	.1	12.0	3.7	.9			4.3	867
	15-17	.5	11.9		.8		12.2	3.8	.8			4.6	875
	18-20	.5	11.1		1.2		11.8	3.5	.7			4.1	868
	21-23	.3	11.9		1.2		12.8	4.2	1.0			5.2	883
TOTALS		.3	11.7		1.1	.0	12.4	5.9	1.1			6.9	6988

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

1
2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7112 0 STATION — COLD LAKE APT CN STATION NAME — 73-82 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		4.3		3.9		7.8	2.4				2.4	899
	03-05		5.2	.2	5.1		10.2	4.6				4.6	905
	06-08		4.8	.3	5.6		10.3	5.2				5.2	892
	09-11		5.6	.1	6.5		11.7	4.1	.1			4.2	904
	12-14		3.6		4.4		7.6	1.1				1.1	909
	15-17		4.0	.1	4.0	.1	7.8	.7	.2			.9	905
	18-20		3.2		3.7		6.9	1.0				1.0	909
	21-23		4.8		3.6		8.5	1.8				1.8	913
TOTALS			4.4	.1	4.6	.0	8.9	2.6	.0			2.7	7236

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

USAFETAC FORM JULY 64 0 10 5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7112JC COLD LAKE APT CN 73-82 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		.1	1.3	18.6		19.8	5.2				5.2	878
	03-05		.6	1.2	21.4		22.8	5.6	.3	.2		6.1	882
	06-08		.2	1.3	21.1		22.4	7.0				7.0	872
	09-11		.8	1.6	23.6		25.4	7.1	.3			7.4	874
	12-14		.7	.9	20.9		22.2	5.0	.1			5.1	874
	15-17		.8	1.8	16.3		18.3	4.1	.3			4.4	883
	18-20		1.3	2.5	17.6		20.2	5.4				5.4	866
	21-23		.9	1.9	18.5		20.7	6.0				6.0	888
TOTALS			.7	1.6	19.8		21.5	5.7	.1	.0		5.8	7017

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		.3	.6	38.4		39.3	5.5		.4		6.[illegible]	906
	03-05		.5	.4	37.4		38.0	5.6	.1	.3		6.0	911
	06-08		.4	1.6	35.3		36.8	8.1		.5		8.7	911
	09-11		.4	1.4	35.0	.1	36.1	12.1	.1	.3		12.5	898
	12-14		.1	.1	35.5		35.6	5.9				5.9	898
	15-17		.3	.7	28.3		28.7	5.0		.2		5.2	909
	18-20		.6	.3	31.3		31.9	3.4	.1	.1		3.5	904
	21-23		.2	.7	36.1	.1	36.5	4.3		.2		4.5	909
TOTALS			.4	.7	34.7	.0	35.4	6.2	.0	.3		6.5	7246

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

71120 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		.1	.6	35.7	.1	36.3	5.1	.1	.6		5.8	7174
FEB			.3	.3	27.0	.0	27.5	3.1	.2	.4		3.8	6513
MAR		.0	.5	.3	17.8	.0	18.4	2.0	.1	.1		2.2	7232
APR		.0	4.5	.0	9.1	.1	13.2	2.3	.6	.1		3.0	6924
MAY		.4	10.0		1.8	.0	11.8	3.0	1.5	.0	.0	4.5	7193
JUN		1.4	11.5			.0	11.5	3.8	.3		.0	4.0	6702
JUL		1.9	8.9			.0	8.9	4.3	.7			4.9	7715
AUG		1.7	10.9			.0	10.9	5.2	2.2			6.9	7176
SEP		.3	11.7		1.1	.0	12.4	5.9	1.1			6.9	6988
OCT			4.4	.1	4.6	.0	8.9	2.6	.0			2.7	7236
NOV			.7	1.6	19.8		21.5	5.7	.1	.0		5.8	7017
DEC			.4	.7	34.7	.0	35.4	6.2	.0	.3		6.5	7246
TOTALS		.5	5.3	.3	12.6	.0	18.1	4.1	.6	.1	.0	4.8	84416

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
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2

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

7.12.0 COLD LAKE APT CN 73-82 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN S OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH LEST TO VISION	TOTAL NO OF OBS
JAN	DAILY		6.5	5.8	77.1	2.3	79.0	24.8	1.0	3.9		28.7	310
FEB			5.7	3.2	65.2	.4	67.4	17.4	4.3	3.2		23.8	282
MAR		.3	6.8	3.2	51.9	.3	53.5	12.3	1.9	1.3		14.5	310
APR		.3	23.0	.3	30.7	.7	46.0	12.3	4.7	.7		17.7	300
MAY		7.1	46.5		5.5	.6	49.7	16.1	8.7	.3		24.5	310
JUN		18.0	55.3			1.0	55.3	20.0	2.4			21.4	295
JUL		22.3	51.1			.3	51.1	27.2	6.6			31.5	305
AUG		19.7	55.8			.6	55.8	25.8	8.1			31.0	310
SEP		4.0	44.7		5.0	.7	46.0	26.7	3.7			29.0	300
OCT			30.3	.6	19.0		42.3	13.5	1.0			14.5	310
NOV			16.3	9.0	52.3		55.7	20.0	3.0	.3		23.0	300
DEC			9.7	7.7	75.8	.6	77.1	26.1	1.0	2.6		28.4	310
TOTALS		6.0	29.2	2.5	31.9	.6	56.6	20.2	3.9	1.0		24.0	3642

USAFETAC FORM JULY 54 0-10-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by wind [illegible] year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

CLASS [illegible] HOURS (L S T)

CONDITION

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM													
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM [illegible] JUL 54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] LAKE APT OK — STATION NAME
YEARS: 73-82
MONTH: JE
CLASS: ALL WEATHER
HOURS (LST): [illegible]
CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 9

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	1.2	.5	.2							.4	7.0
NNE	.1	1.1	1.1	.3								.4	6.1
NE	.2	.2	.7	.5								.8	6.0
ENE	1.1	1.0	1.0	.2								3.3	4.0
E	.4	2.7	3.2	.6								7.0	5.0
ESE	.7	2.4	.0	.3								3.4	4.1
SE	.0	2.7	.2									3.0	3.0
SSE	1.2	1.1	.3	.3								3.0	3.0
S	.5	1.1	.1									.8	4.0
SSW	.0	.3										.3	4.1
SW	.1	.5	.5	.2								1.3	5.0
WSW	.4	3.7	3.5	.3								8.0	4.0
W	.5	4.1	3.2	.6	.1	.1						9.8	4.0
WNW	.5	1.1	1.2	1.2	.6	.2						4.8	5.0
NW	.0	.7	2.2	.2	.3	.3						4.0	4.0
NNW	.5	.4	.2	.5	.1							1.8	4.0
VARBL													
CALM	.2											.2	
	4.0	27.0	23.5	.1	1.0	.7							

TOTAL NUMBER OF OBSERVATIONS 3

USAFETAC FORM JUL 64 [illegible] OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] — [illegible] LAK[illegible] AFB CN — 73-[illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER
CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.3	1.2	.1							[illegible]	[illegible]
NNE	[illegible]	1.[illegible]	1.[illegible]	.1								[illegible]	[illegible]
NE	[illegible]	1.[illegible]	.7	.3								[illegible]	[illegible]
ENE	1.[illegible]	[illegible]	.3									[illegible]	[illegible]
E	1.[illegible]	3.[illegible]	3.3	.1	.1							[illegible]	.7
ESE	1.[illegible]	1.[illegible]	1.[illegible]									[illegible]	[illegible]
SE	.2	1.[illegible]	.3	.2								[illegible]	[illegible]
SSE	.2	1.[illegible]	.1	.1								[illegible]	[illegible]
S	.7	1.[illegible]	.1									.4	[illegible]
SSW	.2	1.2	.3	.1								[illegible]	[illegible]
SW	1.[illegible]	2.4	1.7	.3								.4	[illegible]
WSW	.2	1.4	4.6	.2	.1							.2	[illegible]
W	1.[illegible]	1.6	3.7	1.9	.1							.7	[illegible]
WNW	.1	2.[illegible]	2.1	1.2	.6	.3						[illegible]	[illegible]
NW	.3	1.1	2.4	1.7	.3	.2						[illegible]	[illegible]
NNW	.6	.4	1.1	.4	.3							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	11.8	1.7	.6						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.1	.8								.4	[illegible]
NNE	.4	1.3	.5	.1								[illegible]	[illegible]
NE	1.2	1.2	1.6									[illegible]	[illegible]
ENE	.2	2.[illegible]	1.4	.3								1.[illegible]	[illegible]
E	2.2	[illegible]	3.5	.2								1[illegible]	[illegible]
ESE	.5	2.2	1.0	.1								.2	[illegible]
SE	.2	.7	.1	.2								.2	[illegible]
SSE	.7	.2	.1	.1								1.4	[illegible]
S	1.1	1.3	.2									[illegible]	[illegible]
SSW	.5	1.5	.7									.4	4.7
SW	2.3	3.[illegible]	1.8	.2								.2	[illegible]
WSW	1.7	4.5	4.7	.2								1[illegible]	[illegible]
W	1.4	3.2	4.4	1.3	.4							1.[illegible]	[illegible]
WNW	1.3	1.[illegible]	1.2	1.5	.2	.2						.5	[illegible]
NW	.8	1.3	1.1	1.5	.6	.1						1.[illegible]	[illegible]
NNW	.7	.2	.5	.5								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	19.5	34.1	[illegible]	1.2	1.2	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] LAKE [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.0	1.2									[illegible]	[illegible]
NNE	.4	.7	1.0									[illegible]	[illegible]
NE	.5	1.3	1.7	.1								[illegible]	[illegible]
ENE	1.7	1.7	.8									[illegible]	[illegible]
E	.2	4.2	2.4	.5	.2							[illegible]	[illegible]
ESE	1.5	2.5	1.5	.3								[illegible]	[illegible]
SE	.0	1.7	.3									[illegible]	[illegible]
SSE	.7	.0	.4									[illegible]	[illegible]
S	1.2	2.1	.6	.1								[illegible]	[illegible]
SSW	.1	.0	.2	.1								[illegible]	[illegible]
SW	1.8	1.5	1.8	.2								[illegible]	[illegible]
WSW	1.2	4.0	4.7	.3								[illegible]	[illegible]
W	.5	3.6	5.2	2.7	.1							[illegible]	[illegible]
WNW	1.0	1.7	1.1	.4	.2							[illegible]	[illegible]
NW	1.0	1.2	1.2	.7	.1							[illegible]	[illegible]
NNW	1.0	.4	1.0	.2								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	21.7	31.3	25.6	6.7	.7							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 54 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] LAKE APT [illegible]
STATION NAME
YEARS: [illegible]
MONTH
CLASS: ALL WEATHER
HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.[illegible]	.2	.3								[illegible]	[illegible]
NNE	.0	1.2	1.[illegible]	.3								[illegible]	[illegible]
NE	.2	1.2	.2	.1								[illegible]	[illegible]
ENE	1.1	2.1	.2	.1								1.4	[illegible]
E	.2	3.6	2.6	.6								[illegible]	[illegible]
ESE	1.3	2.[illegible]	1.[illegible]	.4								[illegible]	[illegible]
SE	1.[illegible]	2.6	1.1									[illegible]	[illegible]
SSE	.2	.[illegible]	.2									[illegible]	[illegible]
S	1.4	1.[illegible]	.2	.1								[illegible]	[illegible]
SSW	1.2	1.[illegible]	.4									[illegible]	[illegible]
SW	.1	1.3	.3	.1								.4	[illegible]
WSW	3.2	2.5	3.9	.9								[illegible]	1.1
W	.1	4.3	2.0	2.[illegible]	.1							1.[illegible]	[illegible]
WNW	1.5	1.[illegible]	.5	1.2	.2							1.3	[illegible]
NW	1.3	1.3	.2	1.5	.1							[illegible]	7.[illegible]
NNW	.1	1.1	1.8	.6	.2							.9	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	5[illegible].9	22.[illegible]	[illegible]	.7							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] METEOROLOGY BRANCH
[illegible]
[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): ALL

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.1	.3	.7								.5	[illegible]
NNE	.1	1.2	1.5	.6								[illegible]	[illegible]
NE	1.1	2.[illegible]	4.5	.7								2.2	[illegible]
ENE	[illegible]	1.5	1.6	.5	.1							.5	[illegible]
E	.1	3.1	4.2	1.1								[illegible]	[illegible]
ESE	.2	2.[illegible]	2.4	.5								[illegible]	[illegible]
SE	.7	1.1	.5	.1								[illegible]	[illegible]
SSE	1.2	1.5	[illegible]									[illegible]	[illegible]
S	.7	.5	.4									.7	[illegible]
SSW	1.1	1.2	[illegible]									[illegible]	[illegible]
SW	1.6	1.5	.3									.7	[illegible]
WSW	1.1	4.5	2.4	.5								[illegible]	[illegible]
W	.2	2.7	2.7	1.6	.1							[illegible]	[illegible]
WNW	.7	1.6	1.5	.5	.1	.4						[illegible]	[illegible]
NW	[illegible]	1.7	.2	.4	.1	.1						[illegible]	[illegible]
NNW	.1	[illegible]	[illegible]	.1								1.3	2.7
VARBL													
CALM	[illegible]											[illegible]	
	.7	[illegible]	2.5	.8	.5	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS ALL [illegible] HOURS (L S T) [illegible]

CONDITION [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.	.2	.6								[illegible]	[illegible]
NNE	1.3	1.5	1.4	.3								[illegible]	[illegible]
NE	1.6	2.[illegible]	1.6	.9								[illegible]	[illegible]
ENE	1.[illegible]	1.4	1.3	.1								1.4	1.[illegible]
E	.3	1.1	1.[illegible]	1.2								[illegible]	[illegible]
ESE	1.[illegible]	1.1	1.1	.6	.1							[illegible]	[illegible]
SE	.3	1.1	.5	.1								[illegible]	[illegible]
SSE	.7	.[illegible]										[illegible]	[illegible]
S	.3	.4										[illegible]	[illegible]
SSW	.[illegible]	1.1	.4	.1								[illegible]	[illegible]
SW	1.[illegible]	1.4	.5									[illegible]	[illegible]
WSW	.3	1.1	1.6	.6								[illegible]	[illegible]
W	.[illegible]	2.[illegible]	1.5	.[illegible]	.[illegible]							[illegible]	[illegible]
WNW	.1	1.[illegible]	1.[illegible]	.4	.3	.1						[illegible]	[illegible]
NW	.4	.[illegible]	1.4	.5	.1							[illegible]	[illegible]
NNW	.1	.5	1.3	.6	.[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	27.[illegible]	23.3	7.2	.3	.1						[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
%													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

CLASSIFICATION FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED KNOTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible] HOURS (L S T) [illegible]

CONDITION [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								

TOTAL NUMBER OF OBSERVAT[illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

ALL WEATHER
CLASS

HOURS (LST) [illegible]

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-9-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]										[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] LAKE APT [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.[illegible]	[illegible].3	.4								[illegible].1	[illegible]
NNE	.5	1.[illegible]	1.4	.5								[illegible]	[illegible]
NE	[illegible].1	2.[illegible]	2.1	.1								[illegible]	[illegible]
ENE	[illegible]	[illegible].2	.1	.4								[illegible].1	[illegible]
E	[illegible]	4.[illegible]	4.1	1.2								[illegible].1	[illegible]
ESE	[illegible].4	1.[illegible]	.2	.5								[illegible]	[illegible]
SE	[illegible].1	1.0	.5	.3	.1							[illegible]	[illegible]
SSE	[illegible].6	1.2	.7									[illegible]	[illegible]
S	[illegible].2	1.[illegible]	.5	.1								[illegible].1	[illegible].7
SSW	1.4	.[illegible]	.7									[illegible]	[illegible]
SW	[illegible].7	.[illegible]	.4	.1								[illegible].1	[illegible]
WSW	2.[illegible]	2.[illegible]	1.2	.[illegible]								[illegible].1	[illegible]
W	[illegible]	2.1	1.7	.3								[illegible]	[illegible]
WNW	.[illegible]	2.[illegible]	.[illegible]									[illegible]	[illegible].5
NW	.6	1.2	.2	.1								[illegible].1	[illegible]
NNW	.3	.[illegible]	1.1	.9								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible].4	26.3	[illegible].7	[illegible].2	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] OF VICINITY

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.2	1.1	.4								.8	7.[illegible]
NNE	.0	1.[illegible]	1.7	.5	.1							.3	[illegible]
NE	.0	.0	2.7	.4								.8	[illegible]
ENE	.0	1.[illegible]	.4									2.7	[illegible]
E	1.2	2.3	5.5	2.1	.2							[illegible]	[illegible]
ESE	.0	2.[illegible]	1.2	.4								.2	[illegible]
SE	1.2	1.2	.7	.1	.2							.9	[illegible]
SSE	.0	1.2	.4	.1								.8	[illegible]
S	1.2	1.[illegible]	2.7	.2	.1	.1						.3	[illegible]
SSW	1.2	1.1	.2	.2								.1	[illegible]
SW	.1	1.[illegible]	1.[illegible]	.3								.2	[illegible]
WSW	.0	2.2	1.5	.8	.1							.8	[illegible]
W	1.1	1.1	2.4	.8	.2							.7	[illegible]
WNW	.2	1.2	1.4	.3	.1							.2	[illegible]
NW	.1	1.1	2.1	.2								1.5	7.[illegible]
NNW	.2	.0	1.2	.7								.1	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	28.3	5.9	1.5	1.2	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] OCT 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] STATISTICS BRANCH
[illegible]
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] LAKE AFB, C YEARS: [illegible] NORTH: [illegible]

CLASS: ALL [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] LAKE [illegible] STATION NAME — YEARS — NORTH

ALL [illegible] CLASS — HOURS (L S T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 14 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED KNOTS DIR	1	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
ALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

SPEED RANGE / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SAFETY FORM [illegible] PRIOR EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

SPEED KNTS DIR	[illegible]	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
%													

TOTAL NUMBER OF OBSERVATIONS _____

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: LAKE [illegible] YEARS: 73-9[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE		[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.4	1.0	1.7	.1							.9	1.0
NNE	.1	1.3	1.0	.6								.4	1.0
NE	.1	2.1	.8	1.1								.4	1.0
ENE	.2	2.7	1.6	.7	.2	.1						.9	1.1
E	1.0	.8	1.7	1.8	.1							.8	.8
ESE	1.4	3.7	3.0	.2	.1							.2	.8
SE	.1	2.3	1.5	.3	.1							.8	.8
SSE	.2	.7	1.6	.7	.1							.8	.8
S	.1	2.0	1.7	.7	.1							.8	.1
SSW	.6	1.3	1.3	.3								.8	.8
SW	1.0	2.7	1.7	.5								.8	.8
WSW	.2	1.4	2.0	.7								.8	.7
W	1.6	2.9	1.1	1.6	.2							.8	.3
WNW	.7	.6	.8	.5	.2	.1						.8	.8
NW	.1	.5	1.2	.6	.1	.1						.8	.8
NNW	.0	.0	.5	.3	.2							.8	.8
VARBL													
CALM													
	.7	39.3	1.5	11.6	2.4	.3							

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS — HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CLM													

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	.1	.1	.1	.						.1	.1
NNE	.1	1.0	1.1	.1	.1							.1	7.1
NE	.7	1.2	2.5	1.3	.1	.						.1	7.1
ENE	.1	2.1	1.2	.8	.2	.						.1	.1
E	1.4	3.7	2.7	.1	.1							.1	7.1
ESE	.1	2.2	3.1	1.4	.1							.1	7.1
SE	.1	1.3	2.1	.5	.2	.2						.3	7.1
SSE	.7	1.2	1.4	.6	.1							.1	7.1
S	.2	2.2	1.5	.2	.4	.2						.4	7.1
SSW	.1	1.7	1.2	.5	.1							1.3	10.1
SW	.7	1.0	1.0	.6	.1							1.2	7.1
WSW	.2	1.1	2.5	.2	.1	.						2.1	7.1
W	.2	1.0	2.2	1.6	.3	.2	.					.7	.1
WNW	.7	.9	1.2	.9	.5	.2	.2					.9	.1
NW	.7	.7	1.0	1.0	.2	.1						.1	.1
NNW	.1	1.0	.2	.6	.2	.						1.1	7.1
VARBL													
CALM												.2	
	1.1	2.6	8.9	1.2	2.7	.5	.2						

TOTAL NUMBER OF OBSERVATIONS .1

USAFETAC FORM JUL 64 0-8-5 OLD A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-9[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]										[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

AFCCC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER
CLASS [illegible] HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM _____ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED (KNTS) DIR	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
CALM												
ALL												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

[illegible] CLASS [illegible] HOURS (L S T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL		[illegible]										[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

CLASS ALL WEATHER HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] LAKE [illegible] YEARS: 73-[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]										[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 72-[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	.5	.1								.1	[illegible]
NNE	.1	.0	1.1									.2	[illegible]
NE	.2	2.0	.2	.4								1.0	[illegible]
ENE	.1	2.0	1.1	.2								1.1	[illegible]
E	.4	2.1	2.4	.9	.1							[illegible]	[illegible]
ESE	1.2	2.1	2.5	.5								[illegible]	[illegible]
SE	.3	2.1	1.5	.8								[illegible]	[illegible]
SSE	.3	1.3	.2	.5								[illegible]	[illegible]
S	1.1	1.4	.1	.1								[illegible]	[illegible]
SSW	.1	.1	.1	.4								[illegible]	[illegible]
SW	.2	.1	.7	.6	.1							.4	[illegible]
WSW	.1	4.7	2.1	.4								[illegible]	[illegible]
W	.1	4.1	4.1	.3	.4							[illegible]	[illegible]
WNW	.1	2.1	2.4	.3								[illegible]	[illegible]
NW	.3	[illegible]	1.5	.1	.1							[illegible]	[illegible]
NNW	.5	.3	.3	.3								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	.1	3.7	5.4	.4	.7							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] LAKE APT [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	1.[illegible]	1.[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	1.[illegible]	.4								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	.7								[illegible]	[illegible]
ENE	[illegible]	1.[illegible]	1.[illegible]	.6								[illegible]	[illegible]
E	1.2	2.4	[illegible]	.2	[illegible]							[illegible]	[illegible]
ESE	[illegible]	1.[illegible]	[illegible]	1.4	[illegible]							[illegible]	[illegible]
SE	[illegible]	1.[illegible]	1.7	.4								[illegible]	[illegible]
SSE	.4	.7	1.4	.4								[illegible]	[illegible]
S	.7	1.[illegible]	[illegible]	.2	.1							[illegible]	[illegible]
SSW	[illegible]	1.1	.4	[illegible]								[illegible]	[illegible]
SW	[illegible]	1.[illegible]	2.[illegible]	1.2	.2							.5	[illegible]
WSW	[illegible]	[illegible]	1.[illegible]	[illegible]	.2							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	.6	.5							[illegible]	[illegible]
WNW	[illegible]	1.2	[illegible]	[illegible]	.4							[illegible]	[illegible]
NW	[illegible]	1.1	1.4	1.7	.2							[illegible]	[illegible]
NNW	[illegible]	1.[illegible]	.1	1.3								[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	2.1	1.1								[illegible]	7.[illegible]
NNE	.7	1.2	2.2	.7								[illegible]	7.[illegible]
NE	.2	1.1	2.1	.5								[illegible]	[illegible]
ENE	.1	1.2	1.3	1.8								[illegible]	[illegible]
E	.2	2.2	2.9	1.8	.2							[illegible]	[illegible]
ESE	.4	.7	2.[illegible]	1.2								[illegible]	[illegible]
SE	.2	1.2	.2	1.5	.1							[illegible]	[illegible]
SSE	.2	.8	2.1	1.5								[illegible]	[illegible]
S	.2	2.1	2.7	2.4								[illegible]	[illegible]
SSW		1.[illegible]	2.4	1.3		.2						[illegible]	[illegible]
SW	.2	1.1	1.1	.6	.4							[illegible]	[illegible]
WSW		1.2	2.6	.1	.5							[illegible]	[illegible]
W	.[illegible]	2.1	4.2	7.4	1.2	.2						1.[illegible]	[illegible]
WNW	.2	1.1	2.1	1.4	.6							7.[illegible]	[illegible]
NW	.2	.8	2.[illegible]	.2	.2							[illegible]	[illegible]
NNW	.7	.2	1.6	.5	.4							[illegible]	[illegible]
VARBL													
CALM												.2	
	.2	21.[illegible]	35.7	21.3	3.3	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS: ALL WEATHER

HOURS (LST) ____

CONDITION ____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS ____

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 1 JUN 1 54 OBSOLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER
CLASS [illegible] HOURS (L S T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): ALL

CONDITION: [illegible]

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

[illegible] SECTIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible]

HOURS (L S T) [illegible]

CONDITION [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-4-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW		[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 8

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY [illegible]
TAC
[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	1.[illegible]	.5								[illegible]	[illegible]
NNE	[illegible]	[illegible]	.7	.7	.1							[illegible]	[illegible]
NE	[illegible]	1.[illegible]	1.7	.5								.4	[illegible]
ENE	.7	1.[illegible]	1.2	.5	.1							[illegible]	[illegible]
E	.2	3.[illegible]	3.[illegible]	.8								[illegible]	.7
ESE	.2	2.[illegible]	1.5	.2								[illegible]	[illegible]
SE	[illegible]	2.[illegible]	.5	.1								.4	[illegible]
SSE	.2	1.7	.7	.2								[illegible]	[illegible]
S	.4	2.[illegible]	1.6	.2								[illegible]	[illegible]
SSW	.6	2.1	.7	.1								[illegible]	[illegible]
SW	.5	2.2	1.[illegible]	.3								[illegible]	[illegible]
WSW	1.4	3.4	1.[illegible]	.8	[illegible]							1.7	[illegible]
W	.3	[illegible].4	[illegible].4	4.5	.7	.7						[illegible]	[illegible]
WNW	.1	2.[illegible]	3.3	[illegible].1	.3	.1						7.[illegible]	[illegible]
NW	.2	1.[illegible]	1.6	.8		.1						[illegible]	[illegible]
NNW	[illegible]	1.4	1.[illegible]	.2								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	11.7	36.[illegible]	[illegible]1.2	13.[illegible]	1.5	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8+5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.[illegible]	[illegible]	.1	.1							[illegible]	[illegible]
NNE	.[illegible]	1.1	.3	.2								.[illegible]	[illegible]
NE	.[illegible]	1.2	.1	.1								.2	[illegible]
ENE	.7	1.1	.3	.3								.[illegible]	[illegible]
E	1.1	3.1	2.3	1.4								.[illegible]	.[illegible]
ESE	.[illegible]	2.[illegible]	1.[illegible]	.2								.3	.[illegible]
SE	.[illegible]	2.[illegible]	1.[illegible]	.2								.1	.1
SSE	2.4	2.[illegible]	.1									.5	.[illegible]
S	.1	2.[illegible]	.[illegible]	.2								.[illegible]	.[illegible]
SSW	.3	1.[illegible]										.[illegible]	.1
SW	.[illegible]	3.2	.2	.1								.[illegible]	.[illegible]
WSW	1.1	2.[illegible]	1.[illegible]	.2								.[illegible]	.[illegible]
W	1.1	6.3	4.5	1.4	.2	.1						.4	[illegible]
WNW	1.5	2.4	1.5	.2	.5							.[illegible]	.1
NW	.3	1.[illegible]	.3	.1								.1	.2
NNW	.6	.7	.5	.2								.2	1.4
VARBL													
CALM												.[illegible]	
	1.[illegible]	38.3	[illegible]	.2	.9	.1						.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] METEOROLOGY [illegible]
[illegible]
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] LAKE APT [illegible] — STATION / STATION NAME
[illegible] — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	1.7	.7	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	.[illegible]	.4	[illegible]							[illegible]	[illegible]
NE	.5	1.[illegible]	1.2	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	1.[illegible]	.8	.9	[illegible]							[illegible]	[illegible]
E	1.[illegible]	2.7	2.7	.9	[illegible]							1.2	[illegible]
ESE	1.[illegible]	1.[illegible]	1.5	.9								[illegible]	[illegible]
SE	[illegible]	1.4	1.1	.7	[illegible]	[illegible]						[illegible]	[illegible]
SSE	1.3	1.[illegible]	[illegible]	.4	[illegible]							[illegible]	[illegible]
S	1.3	1.[illegible]	1.[illegible]	.9	.1	[illegible]						[illegible]	[illegible]
SSW	1.2	1.[illegible]	1.1	.4	[illegible]							[illegible]	[illegible]
SW	1.[illegible]	2.1	1.4	.6	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	2.[illegible]	2.[illegible]	.4	.3	[illegible]						[illegible]	[illegible]
W	1.2	4.[illegible]	5.6	4.5	.9	.4						[illegible]	[illegible]
WNW	[illegible]	1.[illegible]	2.1	1.5	.4	.1						[illegible]	[illegible]
NW	.2	[illegible]	1.[illegible]	.2	.1	[illegible]	[illegible]					[illegible]	[illegible]
NNW	.4	1.1	.3	.3	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												1.[illegible]	
	[illegible]	28.9	25.9	13.7	1.9	.7	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 0-8-5 OCT 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] LAKE APT CY YEARS: 73-8 MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												7.4	
	21.4	[illegible]	17.1	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] LAKE APT [illegible] YEARS: 77-8 MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.0	.7	.4								.3	[illegible]
NNE	[illegible]	[illegible]	[illegible]	.1								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	1.0									[illegible]	[illegible]
E	[illegible]	[illegible]	1.7	.6								[illegible]	[illegible]
ESE	[illegible]	[illegible]	2.4	.6								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	.1								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	1.0	.4	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	1.4	[illegible]								.7	[illegible]
W	[illegible]	4.1	2.4	.7								[illegible]	[illegible]
WNW	[illegible]	1.7	.7	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	1.0	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 68 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible] HOURS (L & T) [illegible]

CONDITION [illegible]

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

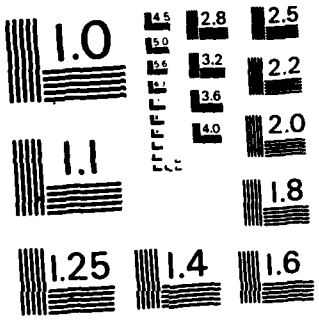
TOTAL NUMBER OF OBSERVATIONS _____

SAFETAL FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A128 121 COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

2/5

UNCLASSIFIED USAFETAC/DS-83/007 SBI-AD-E850 371 F/G 4/2 NL



AL CLIMATOLOGY BRANCH
T.C
EATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12 7 — STATION
GOLD LAKE APT CO — STATION NAME
73-5 — YEARS
— MONTH

ALL WEATHER — CLASS
— HOURS (L S T)

— CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.2	1.3	.7	.1							[illegible]	[illegible]
NNE	.6	1.3	.6	.3								[illegible]	[illegible]
NE	.9	2.4	.6	.5								[illegible]	[illegible]
ENE	.5	2.1	1.4	.1								[illegible]	[illegible]
E	2.4	6.[illegible]	2.2	.5								[illegible]	[illegible]
ESE	1.7	4.1	2.2	.6								[illegible]	[illegible]
SE	1.4	1.6	.9	.5								[illegible]	[illegible]
SSE	[illegible]	1.3	.6									[illegible]	[illegible]
S	1.6	1.4	.6	.2								[illegible]	[illegible]
SSW	.7	1.1	.2	.2								.3	[illegible]
SW	1.1	1.[illegible]	1.[illegible]	.2								[illegible]	[illegible]
WSW	1.5	3.6	1.1	.7	.1							7.4	[illegible]
W	1.6	6.2	3.2	1.7		.1						[illegible]	[illegible]
WNW	1.4	3.3	3.2	.7	.1	.1						.5	[illegible]
NW	.5	2.3	1.5	.5	.1		.1					[illegible]	[illegible]
NNW	.3	2.1	1.3	.8								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	43.7	[illegible]	[illegible]	.5	.2	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] LAKE [illegible] (STATION NAME) [illegible]-6[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	1.2	.3								[illegible]	[illegible]
NNE	.1	1.4	.6	.2								[illegible]	[illegible]
NE	.1	2.[illegible]	.5	.2								[illegible]	[illegible]
ENE	1.2	1.4	.4									3.1	[illegible]
E	.2	4.[illegible]	1.7	.2								[illegible]	[illegible]
ESE	.6	3.[illegible]	4.7	1.2								[illegible]	[illegible]
SE	[illegible]	1.[illegible]	1.3	.2								[illegible]	[illegible]
SSE	1.[illegible]	1.7	.3									[illegible]	[illegible]
S	[illegible].3	2.[illegible]	.2	.2								[illegible]	[illegible]
SSW	.6	2.3	.2									[illegible]	[illegible]
SW	[illegible]	2.[illegible]	.4	.2	.1							[illegible]	[illegible]
WSW	.9	1.[illegible]	.9	.3								[illegible]	[illegible]
W	1.6	3.4	2.8	.8								[illegible]	[illegible]
WNW	1.5	2.2	.3	.6	.1	.1						[illegible]	[illegible]
NW	1.7	2.7	.4	.2		.1						[illegible]	[illegible]
NNW	1.4	1.7	1.[illegible]	.8								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	12.6	35.[illegible]	17.4	5.5	.3	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) GOLD LAKE APT CN (STATION NAME) 73-8[illegible] (YEARS) A[illegible] (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.6	1.6	.4	.2							4.1	[illegible]
NNE	.2	1.2	.7	.3	.2							[illegible]	[illegible]
NE	.3	1.4	1.1	.3	.2							3.7	[illegible]
ENE	1.1	1.3	1.2	.3								3.[illegible]	[illegible]
E	1.7	3.7	2.3	.7	.2							[illegible]	[illegible]
ESE	1.1	2.7	3.2	.9	.1							7.7	[illegible]
SE	1.1	1.6	1.5	.5	.1							4.[illegible]	[illegible]
SSE	.8	1.1	.6	.3	.2							[illegible]	[illegible]
S	1.3	1.4	.9	.5	.1	.						4.2	[illegible]
SSW	.2	1.1	.5	.4	.2							[illegible]	[illegible]
SW	1.2	1.6	.8	.5	.1	.2						4.5	[illegible]
WSW	1.5	2.3	1.6	1.2	.2	.2						[illegible].7	7.1
W	1.1	3.6	3.8	2.1	.3	.1						11.[illegible]	[illegible]
WNW	1.4	2.2	1.8	1.4	.2	.2						7.[illegible]	[illegible]
NW	1.6	1.7	1.7	1.1	.3	.1	.					[illegible].9	7.[illegible]
NNW	.8	1.5	1.4	.8	.2							4.5	7.[illegible]
VARBL													
CALM												14.3	
	17.9	29.9	24.3	11.5	1.4	.3	.2					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]FETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
12 [illegible]	COLD LAKE APT CN	73-A[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.[illegible]	.3	.2								[illegible]	[illegible]
NNE	.5	.7	.2	.2								[illegible]	[illegible]
NE	.2	1.1	.5									[illegible]	[illegible]
ENE	1.6	1.8	.9	.1								[illegible].4	[illegible]
E	1.9	4.4	3.1	[illegible]	.2							[illegible].7	[illegible]
ESE	1.5	1.[illegible]	2.6	.7								[illegible].7	[illegible]
SE	1.6	2.5	.8									[illegible]	[illegible]
SSE	2.4	1.1										[illegible]	[illegible]
S	1.9	1.5	.5									[illegible]	[illegible]
SSW	.2	.7	.2	.2								[illegible].4	[illegible]
SW	.9	.[illegible]	.6	.1	.1							[illegible]	[illegible].7
WSW	2.2	2.[illegible]	1.3	.1								[illegible].4	[illegible]
W	.2	2.3	3.1	.3								7.8	[illegible]
WNW	1.3	1.7	1.3	.5	.2	.1						[illegible]	6.9
NW	.1	1.[illegible]	.7	.7								[illegible]	5.1
NNW	1.[illegible]	1.5	.9	.5								[illegible]	[illegible]
VARBL													
CALM												[illegible].2	
	[illegible].5	29.1	16.8	4.7	.5	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 79

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 13[illegible]
STATION NAME: [illegible]LD LAKE APT CV
YEARS: 73-8[illegible]
MONTH: [illegible]
CLASS: ALL WEATHER
HOURS (LST): [illegible]
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	.5	.2								.4	[illegible]
NNE	.2	.5	.1	.3								.1	[illegible]
NE	.2	1.1	.9	.1								.4	[illegible]
ENE	.9	1.[illegible]	.7	.1								.7	[illegible]
E	2.4	4.5	3.4	.2	.1							1.7	[illegible]
ESE	2.5	2.7	2.3	.6								[illegible]	[illegible]
SE	1.8	1.4	.3									[illegible]	[illegible]
SSE	[illegible]	1.2	.2									[illegible]	[illegible]
S	1.7	1.1	.2									.1	3.7
SSW	1.5	.3	.2									.2	[illegible]
SW	1.1	1.7	.3		.1							.3	[illegible]
WSW	2.6	2.5	1.[illegible]		.1							.5	[illegible]
W	2.7	2.6	2.5	.8								[illegible]	[illegible]
WNW	1.7	2.[illegible]	2.2	.9								[illegible]	[illegible]
NW	1.2	1.9	.7	.2								[illegible]	[illegible]
NNW	.3	2.[illegible]	.5	.8								[illegible]	[illegible]
VARBL													
CALM												7.3	
	23.5	28.1	16.4	4.3	.3							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
12 [illegible]	COLD LAKE APT CN	73-82	[illegible]

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	.5	.1								.2	[illegible]
NNE	.4	.2	.5									.1	[illegible]
NE	.2	.2	1.5	.1								2.4	[illegible]
ENE	.4	1.1	.7									2.4	[illegible]
E	1.8	4.5	4.7	.7	.1							11.[illegible]	[illegible]
ESE	1.4	3.[illegible]	2.6	.5								7.[illegible]	[illegible]
SE	2.5	2.3	.5	.2								[illegible]	4.4
SSE	2.7	1.1	.4									[illegible]	[illegible]
S	1.8	1.4	.5									2.7	[illegible]
SSW	.5	.6	.1									1.2	4.4
SW	2.[illegible]	1.3	.2	.1								3.7	[illegible]
WSW	3.1	3.2	1.8	.4								[illegible].4	[illegible]
W	2.8	3.3	3.8	1.1								11.[illegible]	[illegible]
WNW	1.2	1.[illegible]	1.3	.7								[illegible]	[illegible]
NW	1.9	1.9	.9	.6								[illegible].2	[illegible]
NNW	.7	1.1	.8	.7								[illegible].3	[illegible]
VARBL													
CALM												[illegible]	
	24.1	29.1	21.4	5.2	.1							1[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS [illegible]43

USAFETAC FORM 0-8-5 (L-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) GOLD LAKE APT CN (STATION NAME) 73-8[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.1	1.5	.5								4.[illegible]	[illegible]
NNE	.7	[illegible]	1.1	.1								[illegible]	[illegible]
NE	.1	.[illegible]	1.6	.6	.1							[illegible]	[illegible]
ENE	.1	1.[illegible]	1.3	.3								[illegible]	[illegible]
E	.7	[illegible].4	5.8	1.[illegible]								[illegible]	[illegible]
ESE	.[illegible]	1.4	3.5	.9								6.[illegible]	[illegible]
SE	.9	1.7	1.4	.5								[illegible].3	[illegible]
SSE	1.1	1.5	1.1	.2								[illegible]	[illegible]
S	1.4	1.6	1.9	.6								[illegible].5	[illegible]
SSW	.7	.8	1.[illegible]	.6								[illegible]	[illegible]
SW	.[illegible]	1.4	1.4	.5								4.[illegible]	[illegible]
WSW	[illegible].1	2.5	2.5	1.[illegible]	.1							[illegible]	[illegible]
W	1.5	3.1	5.1	3.9	.5							[illegible].5	[illegible]
WNW	.[illegible]	2.3	2.4	1.7	.[illegible]							[illegible]	[illegible]
NW	.5	1.3	2.6	1.[illegible]	.1							[illegible].5	[illegible]
NNW	.6	.[illegible]	1.4	1.1								4.[illegible]	[illegible]
VARBL													
CALM												7.7	
	13.9	26.8	35.6	14.5	1.5							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]76

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) COLD LAKE APT CN (STATION NAME) 73-8[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.2	2.2	.5								[illegible]	[illegible]
NNE	.3	1.[illegible]	1.5	.9								4.3	7.
NE	.1	.[illegible]	1.5	.5	.3							3.4	[illegible]
ENE	.6	1.7	.7	.3								[illegible]	[illegible]
E	.5	1.[illegible]	4.8	2.9	.1							1[illegible].1	[illegible]
ESE	.5	1.3	1.6	1.5								[illegible]	[illegible]
SE	.3	.6	1.0	.5	.1							[illegible]	7.
SSE	.2	.5	.7	.8	.2							[illegible]	[illegible]
S	.8	.9	2.8	2.5								[illegible]	[illegible]
SSW	.3	1.[illegible]	1.3	.3								[illegible]	[illegible]
SW	.5	1.3	2.0	1.2								[illegible]	[illegible]
WSW	.9	1.7	2.5	2.7	.5							[illegible]	[illegible]
W	.9	2.4	3.9	7.5	1.5	.3						1[illegible].7	[illegible]
WNW	.2	1.7	3.2	3.6	.5							[illegible]	[illegible]
NW	.3	.6	1.6	2.4	.2							[illegible]	[illegible]
NNW	.5	.3	1.5	1.9	.1							[illegible]	[illegible]
VARBL													
CALM												4.1	
	3.1	21.[illegible]	32.9	[illegible]	3.6	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12[illegible] — STATION
COLD LAKE APT CN — STATION NAME
73-8[illegible] — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible]-17 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	1.7	1.0								[illegible].4	7.[illegible]
NNE	.2	1.5	1.1	1.0								[illegible]	7.[illegible]
NE	.2	1.[illegible]	2.4	.9								[illegible]	7.[illegible]
ENE	.9	2.2	1.1	.5								4.[illegible]	[illegible]
E	1.4	2.9	3.[illegible]	2.4	.1							[illegible].7	7.[illegible]
ESE	.3	.5	2.4	.2								3.4	7.[illegible]
SE	.2	.6	.9	.8								[illegible].5	[illegible]
SSE	.3	.2	1.5	.9								3.[illegible]	[illegible]
S	.3	1.7	2.9	1.7	.2							7.4	[illegible]
SSW	.3	1.1	1.0	1.2	.1							[illegible].7	5.[illegible]
SW		1.1	1.1	.7	.1							3.1	[illegible]
WSW	.6	1.5	1.8	1.5	.1							[illegible].5	6.[illegible]
W	.9	2.2	5.0	3.4	1.4							13.7	1[illegible]
WNW	.6	1.3	4.1	4.6	.6							11.1	1[illegible]
NW	.3	1.4	2.3	2.1	.3							[illegible].4	3.[illegible]
NNW	.7	1.3	2.2	1.8	.3							6.6	3.[illegible]
VARBL													
CALM												[illegible].4	
	3.2	23.1	35.5	26.5	3.3							1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]74

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] | [illegible] LAKE APT CN | 73-[illegible] | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.4	.5	.5								.2	[illegible]
NNE	.2	2.2	.7	.5								.3	[illegible]
NE	1.2	2.2	1.3	.2								[illegible]	[illegible]
ENE	1.5	1.6	.7	.7								[illegible]	[illegible]
E	2.4	4.5	2.3	1.4	.1							[illegible]	[illegible]
ESE	1.7	2.3	1.7	[illegible]								[illegible]	[illegible]
SE	.2	2.[illegible]	1.7	.3								[illegible]	[illegible]
SSE	.2	1.[illegible]	.6									[illegible]	[illegible]
S	.6	1.6	1.3	.1								[illegible]	[illegible]
SSW	1.3	1.[illegible]	.2	.1								[illegible]	[illegible]
SW	.2	2.3	.7									.3	[illegible]
WSW	1.2	2.2	.7									[illegible]	[illegible]
W	2.3	5.4	4.5	1.4								[illegible]	[illegible]
WNW	1.2	2.4	2.1	.6								[illegible]	[illegible]
NW	1.2	2.5	1.7	.7	.2							[illegible]	[illegible]
NNW	1.6	1.5	1.2	.3								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	37.6	[illegible]	[illegible]	.3							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 JUL 64 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) COLD LAKE APT CN (STATION NAME) 73-8[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.8	.7	.1								[illegible]	[illegible]
NNE	.6	.7	.5	.2								[illegible]	[illegible]
NE	.6	1.4	1.[illegible]	.1								[illegible]	[illegible]
ENE	1.[illegible]	1.4	1.4	.6								[illegible]	[illegible]
E	1.7	4.5	2.7	1.4								[illegible]	[illegible]
ESE	.7	1.[illegible]	3.3	1.2								[illegible]	1.4
SE	1.5	2.3	1.6	.5								[illegible]	[illegible]
SSE	1.3	2.[illegible]	.6	.1								[illegible]	[illegible]
S	1.2	2.4	.6		.1							[illegible]	[illegible]
SSW	.7	1.4	.6									[illegible]	[illegible]
SW	[illegible]	.2	.5									[illegible]	[illegible]
WSW	1.[illegible]	1.2	.9	.1								[illegible]	[illegible]
W	2.5	4.5	2.5	.8								[illegible]	[illegible]
WNW	2.3	1.3	1.2	.5	.[illegible]							[illegible]	[illegible]
NW	.9	1.4	.9	.2	.3							[illegible]	[illegible]
NNW	.7	[illegible]	1.0	.3								[illegible]	[illegible]
VARBL													
CALM												[illegible].7	
	[illegible].1	32.5	[illegible].8	[illegible].1	.7							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]8

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] METEOROLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] LAKE ART CT — 73-[illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER
CLASS — HOURS (LST)

CONDITION

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] LAKE APT [illegible] YEARS: 73-8 MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	2.7	2.[illegible]	1.6								[illegible]	[illegible]
ESE	[illegible]	2.[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	2.[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	2.[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	1.4	[illegible]									[illegible]	[illegible]
SW	[illegible]	1.7	1.2	[illegible]								[illegible]	[illegible]
WSW	[illegible]	4.1	2.[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	9.5	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	2.[illegible]	[illegible]	1.2	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	1.[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
#	[illegible]	3[illegible].7	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] METEOROLOGY BRANCH
[illegible]
[illegible] SEP 1967 AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) GOLD LAKE APT CO (STATION NAME) 73-82 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	.2									[illegible]	[illegible]
NNE	.1	.2	.2									[illegible]	[illegible]
NE	.2	.[illegible]	.5	.1								[illegible]	[illegible]
ENE	.2	.2	.2	.1								[illegible]	[illegible]
E	.1	1.4	2.2	1.7	.1							[illegible]	[illegible]
ESE	.[illegible]	2.[illegible]	3.5	[illegible]								.1	[illegible]
SE	.1	3.[illegible]	1.2	.2								.2	[illegible]
SSE	.1	2.[illegible]	.2	.1								.1	[illegible]
S	[illegible]	1.5	.2									[illegible]	[illegible]
SSW	.1	1.2	.2	.1								[illegible]	[illegible]
SW	1.7	1.[illegible]	1.1									[illegible]	[illegible]
WSW	[illegible]	.[illegible]	[illegible]	.5	.1							[illegible]	[illegible]
W	.[illegible]	4.2	[illegible]	[illegible]								1.4	[illegible]
WNW	.1	1.[illegible]	1.1	1.2	.1							[illegible]	[illegible]
NW	.1	1.1	1.4	.2	.2		.1					[illegible]	[illegible]
NNW	.[illegible]	.[illegible]	1.2	.0								[illegible]	[illegible]
VARBL													
CALM												13.[illegible]	
	1.1	2.2	6.2	[illegible]	.1		.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 (WR-1 OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
12 C	COLD LAKE APT CN	73-8.	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.1	.7	.7	.1							.3	.[illegible]
NNE	.4	.6	.3									[illegible]	4.[illegible]
NE	.4	.[illegible]	.1	.6								1.1	.[illegible]
ENE	.2	.[illegible]	.8	.1								.[illegible]	.[illegible]
E	.5	1.4	2.[illegible]	2.1	.1							[illegible]	.[illegible]
ESE	.7	2.[illegible]	2.7	1.7								[illegible]	7.[illegible]
SE	[illegible]	2.[illegible]	1.6	1.2								.[illegible]	[illegible]
SSE	.1	1.4	1.2	.3								[illegible]	.[illegible]
S	.7	3.1	1.9	.2								7.[illegible]	.[illegible]
SSW	[illegible]	1.3	.6	.3								[illegible]	4.[illegible]
SW	.7	2.7	1.[illegible]	.3								[illegible]	.[illegible]
WSW	.9	[illegible]	3.1	1.3	.2							.9	7.7
W	1.7	[illegible]	6.3	6.[illegible]	1.2	.1						[illegible]	.[illegible]
WNW	1.[illegible]	1.6	1.2	2.7	1.[illegible]	.4	.1					.[illegible]	1.[illegible]
NW	.8	.7	1.4	1.3	.8	.5						.[illegible]	1[illegible].7
NNW	.6	1.4	.9	.3	.1							[illegible].3	6.7
VARBL													
CALM												.[illegible]	
#	14.4	2[illegible].1	[illegible].9	12.2	3.5	1.1	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] LAKE APT [illegible] (STATION NAME) 73-8[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible]-14 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.7	1.[illegible]	.1								[illegible]	[illegible]
NNE	.6	.7	.6	.2								[illegible]	[illegible]
NE	.2	.2		.1								.2	[illegible]
ENE	.7	.3	.9	.2								.3	[illegible]
E	.2	1.1	3.1	2.2								.4	[illegible]
ESE	.5	.9	1.4	1.5								[illegible]	.7
SE	.6	.7	1.4	1.[illegible]	.2							[illegible]	[illegible]
SSE	.2	1.2	1.1	.8	.2							[illegible]	[illegible]
S	1.9	1.[illegible]	3.1	1.9	.1							.4	7.7
SSW	.5	.7	1.2	.8								[illegible]	[illegible]
SW	.7	2.1	3.2	1.2								1.4	[illegible]
WSW	.5	2.2	3.[illegible]	2.3	.4							.7	[illegible]
W	.2	2.7	5.3	8.1	3.[illegible]	.7						[illegible]	1.7
WNW	.7	.9	1.9	4.2	2.4	1.2						1.3	1.[illegible]
NW	.5	.5	.8	2.7	1.3	.2						[illegible]	1.[illegible]
NNW		.2	1.2	.9								1.7	[illegible]
VARBL													
CALM												.5	
	[illegible]	19.[illegible]	28.2	[illegible]	7.7	2.7						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 66 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) COLD LAKE APT CN (STATION NAME) 73-8[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	[illegible]	.7	.3								.2	[illegible]
NNE	[illegible]	1.1	.1	.3								[illegible]	[illegible]
NE	.4	1.[illegible]	1.1	.1								.2	[illegible]
ENE	.4	1.1	.4									[illegible]	[illegible]
E	[illegible]	1.1	2.[illegible]	[illegible].1	.2							[illegible].3	[illegible]
ESE	[illegible]	1.[illegible]	2.2	.7								.2	[illegible]
SE	.3	[illegible]	1.4	.6								[illegible]	[illegible]
SSE	.6	[illegible]	1.7	1.1	.2							[illegible]	[illegible]
S	.7	2.7	2.8	1.3								[illegible].4	[illegible]
SSW	1.1	1.6	1.2	.1								[illegible]	[illegible]
SW	.4	2.[illegible]	[illegible].2	.7								[illegible]	[illegible]
WSW	1.6	3.[illegible]	4.1	1.1	.1							[illegible]	[illegible]
W	[illegible]	3.[illegible]	5.1	7.4	1.3	.2						[illegible]	[illegible]
WNW	.3	[illegible]	3.1	4.3	1.2	.4		.1				[illegible]	[illegible]
NW	.4	1.1	1.[illegible]	[illegible].7	1.1		[illegible]					[illegible]	[illegible]
NNW	.6	[illegible]	1.3	1.[illegible]	.1							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	4.3	.7	.2	.1				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) GREAT LAKES APT CN (STATION NAME) 73-8 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	.0	.1								[illegible]	[illegible]
NNE	.1	.2	.6									[illegible]	[illegible]
NE	[illegible]	[illegible]	.1									[illegible]	[illegible]
ENE	.7	1.2	.1									[illegible]	[illegible]
E	[illegible]	4.1	2.3	1.5								1.4	[illegible]
ESE	[illegible]	2.4	1.2	.8								[illegible]	[illegible]
SE	.5	2.[illegible]	2.2	.1								[illegible]	[illegible]
SSE	.8	1.3	1.4									[illegible]	[illegible]
S	1.8	3.[illegible]	.8	.3								[illegible]	[illegible]
SSW	1.[illegible]	4.[illegible]	.6	.1								[illegible]	4.7
SW	.3	2.[illegible]	2.1	.3								[illegible]	[illegible]
WSW	.[illegible]	4.4	3.8	.3								[illegible]	[illegible]
W	1.[illegible]	4.[illegible]	5.6	1.4	.2	.3						14.3	7.[illegible]
WNW	.5	2.1	1.7	[illegible]	.1							[illegible]	[illegible]
NW	1.3	1.[illegible]	.4	.2	.3							[illegible]	[illegible]
NNW	.1	1.4	1.2	.6								[illegible]	[illegible]
VARBL													
CALM												.4	
	16.7	36.7	27.4	7.8	.7	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) COLD LAKE APT CN (STATION NAME) 7[illegible]-8[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	.4	.1								[illegible]	[illegible]
NNE		.[illegible]	.4									.7	[illegible]
NE	.7	.[illegible]	.1									[illegible]	[illegible]
ENE	.4	.[illegible]	.[illegible]	.1								[illegible]	[illegible]
E	[illegible]	3.3	3.1	1.5	.1							[illegible]	[illegible]
ESE	1.1	3.5	3.6	.9								[illegible]	[illegible]
SE	.7	2.[illegible]	1.8	.4								.5	[illegible]
SSE	1.2	1.[illegible]	.2									[illegible]	[illegible]
S	[illegible]	3.5	1.5	.2								[illegible]	[illegible]
SSW	[illegible]	2.[illegible]	1.1	.1								[illegible]	[illegible]
SW	1.1	2.[illegible]	1.3									[illegible]	[illegible]
WSW	[illegible]	4.5	2.5	.8								[illegible]	[illegible]
W	2.4	5.[illegible]	5.[illegible]	1.3	.5	.1						[illegible]	[illegible]
WNW	1.1	1.[illegible]	.4	.9	.1	.[illegible]						[illegible]	[illegible]
NW	1.5	1.[illegible]	1.[illegible]	1.2	.2	.1						.4	[illegible]
NNW	.7	2.1	.5	.4	.1							[illegible]	[illegible]
VARBL													
CALM												1.0	
	[illegible]	35.[illegible]	24.[illegible]	[illegible]	1.1	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] BRANCH
[illegible]
[illegible] WEATHER SERVICE, AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.[illegible]	[illegible]	.1	[illegible]							[illegible]	[illegible]
NNE	.1	.4	.3	.1								[illegible]	[illegible]
NE	.4	[illegible]	.3	.1	[illegible]							[illegible]	[illegible]
ENE	.4	.7	.4	.1								[illegible]	[illegible]
E	1.[illegible]	2.[illegible]	2.8	1.7	.1							[illegible]	[illegible]
ESE	1.[illegible]	2.4	3.[illegible]	1.[illegible]								1.8	[illegible]
SE	1.[illegible]	1.[illegible]	1.4	.5	[illegible]							[illegible]	[illegible]
SSE	.2	1.2	.7	.7	.1							1.7	[illegible]
S	.2	2.7	1.7	.5	[illegible]							[illegible]	[illegible]
SSW	1.4	1.7	.9	.2								[illegible]	[illegible]
SW	1.1	2.1	1.[illegible]	.3								[illegible]	[illegible]
WSW	1.[illegible]	4.[illegible]	3.1	.9	.1							[illegible]	[illegible]
W	1.[illegible]	4.5	5.5	3.8	.9	[illegible]						[illegible]	[illegible]
WNW	.1	1.[illegible]	1.4	.2	.7	.7	[illegible]	[illegible]				[illegible]	[illegible]
NW	.2	1.2	1.1	1.3	.6	[illegible]	[illegible]					[illegible]	[illegible]
NNW	.5	1.2	1.[illegible]	.6	.1							.4	[illegible]
VARBL													
CALM												[illegible]	
	17.[illegible]	29.3	26.1	14.1	2.5	.7	.1	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	COLD LAKE APT CN	73-8[illegible]	N[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION: [illegible]

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.1	1.4	.6								.3	[illegible]
NNE			.1	.1								.2	[illegible]
NE	.[illegible]	.2	.2	.1								.5	[illegible]
ENE	1.[illegible]	1.1	.7	.2								3.4	[illegible]
E	1.4	3.4	3.4	1.6								9.8	[illegible]
ESE	1.[illegible]	2.[illegible]	2.2	.3								6.[illegible]	[illegible]
SE	2.4	4.2	1.[illegible]	.1								7.6	[illegible]
SSE	1.1	.[illegible]	.1									.1	[illegible]
S	1.7	2.7	.9	.2								5.5	[illegible]
SSW	1.[illegible]	1.[illegible]	.6									.8	[illegible]
SW	1.4	2.[illegible]	1.3									4.[illegible]	[illegible]
WSW	[illegible]	4.7	3.9	.6								1[illegible]	[illegible]
W	[illegible].2	4.[illegible]	3.5	1.5		.[illegible]						1[illegible]	7.[illegible]
WNW	.2	1.3	.5	.5	.1							[illegible]	[illegible]
NW	.[illegible]	1.1	1.6	.7								[illegible]	7.[illegible]
NNW	.[illegible]	1.[illegible]	.8	.3								.1	[illegible]
VARBL													
CALM												.	
	[illegible].3	23.3	4.3	[illegible].7	.1	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 7[illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] SERVICE, AS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] | [illegible] LAKE APT CA | 73-6 | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.[illegible]	[illegible].2	.7								[illegible]	1.[illegible]
NNE	.2	.1	.2	.1								[illegible]	[illegible]
NE	.2	.2	.1	.3								1.[illegible]	[illegible]
ENE	.7	.2	1.1									[illegible]	[illegible]
E	1.2	2.2	1.8	.6								[illegible]	[illegible]
ESE	.1	3.4	2.2	.3								.7	[illegible]
SE	2.2	3.[illegible]	1.4	.1								[illegible]	[illegible]
SSE	.[illegible]	1.2	.2									[illegible]	[illegible]
S	2.[illegible]	2.7	.7	.2								[illegible]	[illegible]
SSW	[illegible]	.2	.7									.3	[illegible]
SW	[illegible]	2.5	1.4	.1								.7	[illegible]
WSW	1.2	2.[illegible]	4.2	.2	.1							[illegible]	1.[illegible]
W	2.[illegible]	4.[illegible]	[illegible].1	1.5		.1						1.[illegible]	1.7
WNW	1.1	1.7	.3	.2		.[illegible]	.1					[illegible]	[illegible]
NW	.2	1.1	1.[illegible]	.6								.1	1.7
NNW	.6	1.5	1.6	.2								[illegible]	1.[illegible]
VARBL													
CALM												[illegible]	
	1.4	2.[illegible]	5.6	[illegible].2	.1	.2	.1					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] COLD LAKE ALTA CN — STATION / STATION NAME
[illegible]-8[illegible] — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.4	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	1.[illegible]	1.2	[illegible]								[illegible]	[illegible]
E	[illegible]	1.[illegible]	3.6	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	2.[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	3.[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	1.[illegible]	[illegible]									[illegible]	[illegible]
S	2.4	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	1.[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	2.[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	1.[illegible]	1.4	[illegible]		[illegible]						[illegible]	[illegible]
NNW	[illegible]	1.[illegible]	1.2	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	27.6	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] APT C[illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.[illegible]	1.7	.2								[illegible]	[illegible]
NNE	.1	.1	.2	.1								.[illegible]	[illegible]
NE	.2		.7	.2	.1							[illegible]	[illegible]
ENE	.2	.2	1.3	.2								.3	[illegible]
E	.[illegible]	2.1	2.4	.2								.[illegible]	[illegible]
ESE	.[illegible]	2.2	3.1	1.[illegible]								[illegible]	[illegible]
SE	.7	2.2	.8	.1								.2	[illegible]
SSE	.1	1.7	.8	.2								[illegible]	[illegible]
S	.2	1.[illegible]	1.4	.2								.7	[illegible]
SSW	.2	1.[illegible]		.5								.[illegible]	[illegible]
SW	.2	2.2	.2									.[illegible]	[illegible]
WSW	2.[illegible]	4.1	3.8	.7								[illegible]	[illegible]
W	4.1	3.[illegible]	4.8	2.1	.7	.2						[illegible]	[illegible]
WNW	.2	1.7	2.1	1.1	.1	.2						.[illegible]	.[illegible]
NW	.2	1.[illegible]	2.3	.8								[illegible]	[illegible]
NNW		1.1	1.9	.8								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	1.1	24.6	3.1	[illegible]	.3	.[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] APT CA YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]
[illegible]
[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] LAK [illegible] — STATION / STATION NAME

[illegible] — YEARS

[illegible] — MONTH

ALL WEATHER — CLASS

[illegible] — HOURS (L S T)

CONDITION

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	37 [illegible]	[illegible]	5.6	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

CLASS [illegible] HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
#	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: SALT LAKE APT CW YEARS: 73-8[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	1.7	.5	.2							.2	3.2
NNE	.1	.	.2	.1								.1	2.[illegible]
NE	.6	.3	.4	.2	.							.3	[illegible]
ENE	.7	1.	.3	.2								.	.
E	1.4	3.	3.4	.5	.							.7	.7
ESE	1.7	3.	2.5	.4	.							.2	.
SE	1.4	2.7	.3	.3	.							.2	.
SSE	1.5	1.5	.4	.1								.	.5
S	1.2	2.4	1.1	.4								.	.
SSW	1.3	1.5	.5	.1								.7	.
SW	1.5	2.5	1.4	.2								.	.
WSW	2.3	4.7	3.5	.6	.1							11.1	6.
W	2.1	4.3	4.3	1.1	.3	.5	.	.5				14.1	7.
WNW	.1	1.4	1.6	1.2	.2	.1	.					4.	.
NW	.5	1.2	1.4	.5	.	.						4.	7.
NNW	.4	1.7	1.4	.6	.2	.						.7	7.
VARBL													
CALM												1.0	
	.5	3.2	4.2	4.5	.8	.3	.1	.2				1.	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: SALT LAKE APT C[illegible] YEARS: 73-8 MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.[illegible]	.7	.1								[illegible]	[illegible]
NNE	.5	.[illegible]		.4								[illegible]	1.[illegible]
NE		.[illegible]	.4	.3								1.[illegible]	[illegible]
ENE	.7	1.7	.2	.4								[illegible]	[illegible]
E	2.7	3.[illegible]	2.[illegible]	1.3								[illegible].7	[illegible]
ESE	1.[illegible]	2.1	1.5	.4								[illegible]	[illegible]
SE	1.1	2.[illegible]	.2	.1								[illegible]	.2
SSE	1.2	1.3	.2									[illegible]	1.[illegible]
S	[illegible]	1.[illegible]	.2									[illegible]	[illegible]
SSW	1.4	.[illegible]	.3									[illegible]	.2
SW	.4	1.4	.2									[illegible]	[illegible]
WSW	.7	4.2	.2	.2								[illegible]	1.3
W	2.5	5.[illegible]	3.3	1.4		.2						1.[illegible]	[illegible]
WNW	1.1	1.1	1.5	1.3		.2						[illegible].7	[illegible]
NW	1.2	2.2	1.3	1.1	.3							[illegible]	1.[illegible]
NNW	.[illegible]	1.1	.2	.4	.1							[illegible]	1.[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	1[illegible]	17.6	7.6	.4	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM JUL 64 5-R-5 OLD-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] | [illegible] LAKE AFB [illegible] | 73-A[illegible] | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	.2	.3								.3	[illegible]
NNE	.7	.3	.5	.3								[illegible]	[illegible]
NE	.2	1.2	.2	.2								.9	[illegible]
ENE	.[illegible]	1.[illegible]	.2	.2								.9	[illegible]
E	1.1	2.3	2.3	1.5								1.7	[illegible]
ESE	.6	2.[illegible]	1.3	.7								.9	[illegible]
SE	1.6	2.[illegible]	.2	.1								.9	[illegible]
SSE	1.1	1.1	.3									.9	[illegible]
S	1.7	1.4	.2	.1								1.4	[illegible]
SSW	.2	.1										.3	[illegible]
SW	1.2	1.3	.2	.2								.3	[illegible]
WSW	.9	4.[illegible]	2.7	.5								.2	[illegible]
W	.3	4.4	3.7	1.2	.3		.1					[illegible]	[illegible]
WNW	.2	1.[illegible]	1.2	.4			.1					[illegible]	[illegible]
NW	1.1	2.[illegible]	1.2	.9	.1							.3	[illegible]
NNW	.1	1.2	.9	.3								.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	.2	30.2	17.9	6.9	.4		.3					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	1.1	.1								.8	1.8
NNE	.2	.2	.2	.2								.8	1.8
NE	.1	.2	.3									.6	.8
ENE	.2	1.0	.4	.6								2.2	4.8
E	.2	2.2	3.2	1.8								7.4	7.8
ESE	1.5	2.2	1.5	.4								5.6	5.8
SE	1.2	2.2	.7	.2								4.3	4.8
SSE	.4	1.0										1.4	3.0
S	.2	1.7	.5									2.4	3.8
SSW	1.3	.4	.2	.1								2.0	3.0
SW	1.7	1.3	.7	.1								4.0	3.1
WSW	2.4	3.5	2.5	.5								9.0	4.0
W	2.3	4.6	3.2	1.5	.2	.2						12.0	4.0
WNW	1.5	2.0	1.0	.5	.1	.2	.2					6.0	4.0
NW	1.4	1.3	1.0	1.2	.2							5.1	3.0
NNW	.4	.2	1.4	.3								2.3	4.0
VARBL													
CALM												.0	
	22.0	25.9	26.6	7.9	.8	.3	.1					99.0	3.0

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-3-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

[illegible] CLIMATOLOGY [illegible]
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] LAKE ART[illegible] YEARS: 73-[illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	.4	[illegible]								[illegible]	[illegible]
NNE	[illegible]	.4	.4		[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	.3									[illegible]	[illegible]
ENE	[illegible]	1.[illegible]	[illegible]	.4								[illegible]	[illegible]
E	[illegible]	4.[illegible]	4.[illegible]	1.3								[illegible]	[illegible]
ESE	[illegible]	3.[illegible]	2.7	[illegible]								[illegible].7	[illegible]
SE	.2	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	.7	[illegible]									[illegible]	[illegible]
S	[illegible]	2.5	.2	.1								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	.2	.3								[illegible]	[illegible]
WSW	[illegible]	3.[illegible]	2.3	[illegible]								[illegible]	[illegible]
W	[illegible]	4.5	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	1.1	1.1	.7							[illegible]	[illegible]
NW	[illegible]	1.[illegible]	[illegible]	1.3		[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	.7	.3								[illegible].3	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	31.7	19.6	[illegible]	1.3	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-8 MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.2	.1	.1							.4	[illegible]
NNE	.4	1.1	.1	.3								.8	[illegible]
NE	.0	.1	.4	.1								.6	[illegible]
ENE	.7	1.2	1.2	.2								.8	[illegible]
E	.7	2.2	2.8	.5	.1							1.8	[illegible]
ESE	.6	2.1	3.1	.4								1.7	[illegible]
SE	.3	1.1	.4									.8	[illegible]
SSE	.4	1.1	.1									.6	[illegible]
S	.5	.1	.0	.1								.4	[illegible]
SSW	.7	.4	.2									.3	[illegible]
SW	.2	2.3	1.1	.1								.8	[illegible]
WSW	.1	4.5	3.2	1.3								1.2	[illegible]
W	1.1	3.7	3.2	3.5	.1							1.1	[illegible]
WNW	1.1	1.7	.2	1.9	.5	.7						.5	[illegible]
NW	.1	2.2	2.3	1.3	.2							1.3	[illegible]
NNW	.2	.1	.7	1.1	.3	.1						1.4	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	1.5	.9						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) [illegible] LAKE APT [illegible] (STATION NAME) 73-[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.2	1.2	.2								[illegible]	[illegible]
NNE	.1	[illegible]	.3	.1								[illegible]	[illegible]
NE	.4	[illegible]	.4	.1								[illegible]	[illegible]
ENE	[illegible]	1.3	[illegible]	.5								[illegible]	[illegible]
E	1.4	4.5	4.5	1.7	.2							[illegible]	[illegible]
ESE	1.[illegible]	2.[illegible]	1.7	.9	.1							[illegible]	[illegible]
SE	[illegible]	1.7	.7									[illegible]	[illegible]
SSE	[illegible]	[illegible]	.5									[illegible]	[illegible]
S	.1	[illegible]	.7									[illegible]	[illegible]
SSW	[illegible]	[illegible]	.4									[illegible]	[illegible]
SW	[illegible]	5.1	.7									[illegible]	[illegible]
WSW	[illegible]	5.4	4.3	.5								[illegible]	[illegible]
W	[illegible]	3.[illegible]	3.6	2.4	.3	[illegible]						[illegible]	[illegible]
WNW	.4	1.2	2.2	1.7	.4	[illegible]						[illegible]	[illegible]
NW	[illegible]	1.1	2.[illegible]	.9	.4		[illegible]					[illegible]	[illegible]
NNW	.7	[illegible]	1.3	.3								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	31.[illegible]	[illegible]	.6	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.2	.7								.8	[illegible]
NNE	.2	.2	.6	.3								[illegible]	[illegible]
NE	.4	.2	1.0	.7								.8	[illegible]
ENE	.2	1.0	.7	.3								[illegible]	[illegible]
E	.2	2.0	3.0	2.7	.7							[illegible]	[illegible]
ESE	.2	2.4	2.1	.5	.3							[illegible]	[illegible]
SE	.2	1.7	.7	.2								.7	[illegible]
SSE	.2	1.1										.2	[illegible]
S	.4	.2	.4									[illegible]	[illegible]
SSW	.1	.2	.2									.2	[illegible]
SW	.3	.1	.2									.2	[illegible]
WSW	1.4	4.1	4.2	.5								[illegible]	[illegible]
W	.2	1.1	.2	1.8	.3	.2						[illegible]	[illegible]
WNW	.3	.2	.2	1.4	.4							[illegible]	[illegible]
NW	.4	.2	1.1	.9								[illegible]	[illegible]
NNW	.2	1.3	1.1	.3								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	.6	[illegible]	[illegible]	[illegible]	[illegible]	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 0-8-4 OCT 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAF
WEATHER DIVISION/AWS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER
CLASS [illegible] HOURS (L S T)

CONDITION

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]										[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: [illegible] LAKE AFT C. | STATION NAME | YEARS: 73-[illegible] | MONTH

CLASS: ALL WEATHER | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER

CONDITION _____

HOURS (L S T) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
%													

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 10 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

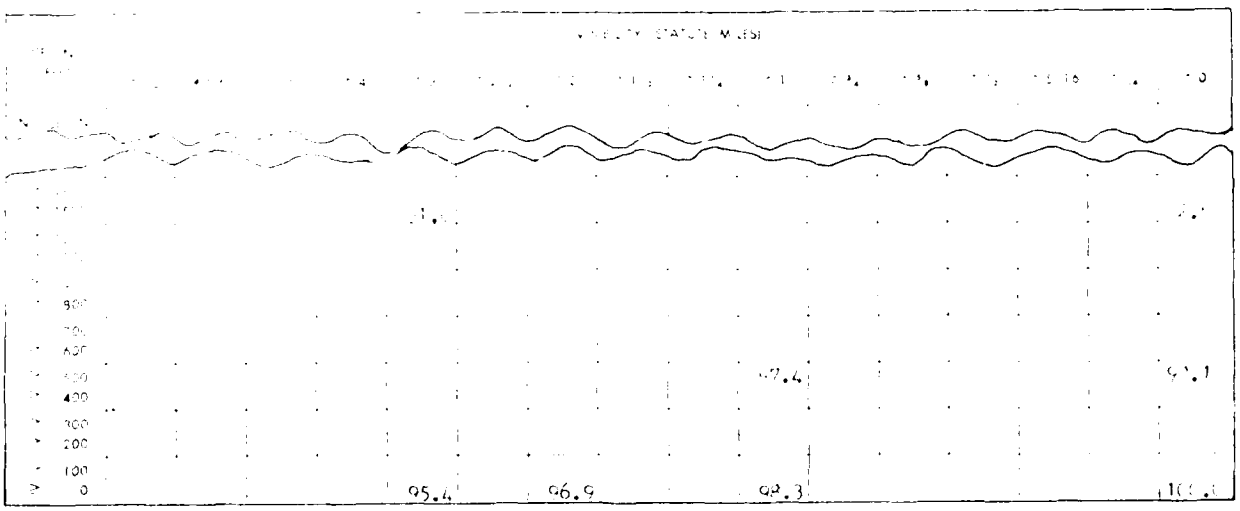
Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for periods through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 5/10 total sky cover and those cases where total sky cover is 5/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1960, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1960.

Continued on reverse side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

42.7	43.6	44.1	44.4	44.6	44.6	44.8	45.0	45.0	45.8	46.0	46.0	46.3	46.4	46.8	47.2
46.1	47.0	47.5	47.8	48.0	48.0	48.1	48.4	48.4	49.2	49.4	49.4	49.7	49.8	50.2	50.6
46.1	47.0	47.5	47.8	48.0	48.0	48.1	48.4	48.4	49.2	49.4	49.4	49.7	49.8	50.2	50.6
46.2	47.1	47.6	47.9	48.1	48.1	48.3	48.5	48.5	49.3	49.5	49.5	49.8	49.9	50.3	50.7
46.4	47.5	47.9	48.3	48.5	48.5	48.6	48.8	48.8	49.6	49.8	49.8	50.2	50.3	50.6	51.1
48.1	49.2	49.6	49.9	50.2	50.2	50.3	50.5	50.5	51.3	51.5	51.5	51.9	52.0	52.3	52.8
52.0	53.3	53.9	54.2	54.8	54.8	54.9	55.1	55.1	55.9	56.1	56.1	56.5	56.6	56.9	57.5
56.3	58.1	58.6	59.2	60.1	60.1	60.2	60.4	60.4	61.2	61.4	61.4	61.8	61.9	62.2	62.8
58.1	59.9	60.4	61.0	62.0	62.0	62.1	62.3	62.3	63.1	63.4	63.4	63.7	63.8	64.1	64.7
60.7	62.6	63.1	63.9	65.2	65.2	65.3	65.5	65.5	66.3	66.5	66.5	66.9	67.0	67.3	67.9
61.2	63.1	63.7	64.6	66.3	66.3	66.4	66.6	66.6	67.4	67.5	67.6	68.0	68.1	68.4	69.0
62.7	64.9	65.6	66.6	68.3	68.3	68.4	68.7	68.7	69.4	69.7	69.7	70.0	70.1	70.5	71.0
63.6	65.8	66.5	67.6	69.4	69.6	69.7	69.9	69.9	70.7	70.9	70.9	71.3	71.4	71.7	72.3
65.1	67.4	68.2	69.3	71.3	71.4	71.7	71.9	71.9	72.7	72.9	72.9	73.3	73.4	73.7	74.3
66.1	68.5	69.4	70.6	72.7	72.8	73.2	73.4	73.4	74.2	74.4	74.4	74.7	74.9	75.2	75.8
67.5	70.3	71.4	72.7	75.2	75.3	75.8	76.0	76.0	76.8	77.0	77.0	77.3	77.5	77.8	78.4
68.5	71.8	72.9	74.3	76.8	77.0	77.7	77.9	77.9	78.8	79.0	79.0	79.4	79.5	79.8	80.4
71.8	74.9	76.0	77.8	80.5	80.7	81.5	81.7	81.7	82.6	82.9	82.9	83.2	83.3	83.7	84.2
72.9	76.1	77.2	79.0	81.8	82.1	82.9	83.1	83.1	84.0	84.2	84.2	84.6	84.7	85.0	85.6
75.5	78.9	80.2	82.0	84.8	85.0	86.4	86.7	86.7	87.6	87.8	87.8	88.2	88.3	88.6	89.2
77.9	81.3	82.5	84.3	87.1	87.4	88.7	89.6	89.6	90.5	90.8	90.8	91.1	91.2	91.5	92.1
79.7	83.2	84.6	86.4	89.5	89.7	91.1	92.0	92.0	93.5	93.7	93.7	94.0	94.1	94.5	95.0
79.9	83.4	84.8	86.6	89.7	90.0	91.4	92.3	92.3	93.8	94.0	94.0	94.4	94.5	94.8	95.4
80.3	83.8	85.1	86.9	90.1	90.3	91.8	92.7	92.7	94.1	94.5	94.5	94.8	94.9	95.3	95.8
80.8	84.3	85.7	87.5	90.6	91.0	92.4	93.3	93.3	94.8	95.5	95.5	95.8	95.9	96.3	96.8
81.7	85.2	86.6	88.4	91.5	91.9	93.5	94.5	94.5	96.1	96.7	96.7	97.1	97.2	97.5	98.1
82.6	86.1	87.5	89.3	92.4	92.8	94.4	95.4	95.4	97.0	97.6	97.6	98.0	98.1	98.4	99.0
82.8	86.2	87.6	89.4	92.6	92.9	94.5	95.5	95.5	97.1	97.7	97.7	98.1	98.2	98.5	99.1
83.0	86.5	87.8	89.6	92.8	93.1	94.7	95.7	95.7	97.3	98.0	98.0	98.3	98.4	98.8	99.3
83.1	86.6	87.9	89.9	93.0	93.3	94.9	95.9	95.9	97.5	98.2	98.2	98.5	98.6	99.1	99.7
83.1	86.6	87.9	89.9	93.0	93.3	94.9	95.9	95.9	97.5	98.2	98.2	98.5	98.6	99.2	99.8
83.1	86.6	87.9	89.9	93.0	93.3	94.9	95.9	95.9	97.5	98.2	98.2	98.5	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 887

USAFETAC [illegible] 0145 OLA [illegible]

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12.0 COLD LAKE APT CN 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

42.5	43.9	44.5	44.8	45.4	45.5	45.7	45.8	45.8	45.9	46.5	46.6	47.2	47.2	47.4	48.5
46.6	47.8	48.6	48.9	49.5	49.6	49.8	49.9	49.9	50.1	50.6	50.7	51.3	51.3	51.5	52.6
46.6	47.8	48.6	48.9	49.5	49.6	49.8	49.9	49.9	50.1	50.6	50.7	51.3	51.3	51.5	52.6
46.6	47.8	48.6	48.9	49.5	49.6	49.8	49.9	49.9	50.1	50.6	50.7	51.3	51.3	51.5	52.6
47.0	48.3	49.1	49.4	49.9	50.1	50.3	50.4	50.4	50.5	51.1	51.2	51.7	51.7	52.0	53.1
48.5	49.7	50.6	50.9	51.5	51.6	51.8	52.0	52.0	52.1	52.6	52.7	53.3	53.3	53.5	54.6
52.4	53.8	54.7	55.2	55.7	55.9	56.1	56.2	56.2	56.3	56.9	57.0	57.5	57.5	57.7	58.9
54.3	56.5	57.5	58.3	59.2	59.3	59.5	59.6	59.6	59.8	60.3	60.4	61.0	61.0	61.2	62.3
57.5	59.2	60.2	61.0	61.9	62.0	62.4	62.5	62.5	62.9	63.5	63.7	64.2	64.2	64.4	65.6
60.2	62.3	63.3	64.4	65.4	65.6	66.0	66.1	66.1	66.4	67.1	67.2	67.8	67.8	68.0	69.1
60.4	62.7	63.7	64.8	65.8	65.9	66.3	66.4	66.4	66.8	67.4	67.6	68.1	68.1	68.3	69.5
61.6	64.0	65.0	66.2	67.2	67.3	67.8	67.9	67.9	68.2	68.9	69.0	69.6	69.6	69.8	70.9
62.7	65.2	66.3	67.6	68.8	68.9	69.3	69.5	69.5	69.8	70.5	70.6	71.1	71.1	71.3	72.5
64.5	67.2	68.3	69.6	70.9	71.0	71.5	71.6	71.6	71.9	72.6	72.7	73.2	73.2	73.5	74.6
64.8	67.4	68.7	69.9	71.2	71.3	71.8	71.9	71.9	72.2	72.9	73.0	73.5	73.6	73.8	74.9
67.1	70.1	71.3	72.8	74.4	74.5	74.9	75.0	75.0	75.4	76.0	76.1	76.7	76.7	76.9	78.0
68.1	71.2	72.6	74.2	75.9	76.0	76.8	77.0	77.0	77.4	78.0	78.1	78.7	78.7	78.9	80.0
70.6	73.9	75.4	77.3	79.0	79.3	80.0	80.3	80.3	80.6	81.3	81.4	81.9	81.9	82.2	83.3
71.1	74.6	76.0	78.0	79.8	80.0	80.9	81.2	81.2	81.5	82.2	82.3	82.8	82.8	83.1	84.2
71.7	75.4	76.9	78.9	80.7	80.9	82.1	82.3	82.3	82.6	83.3	83.4	83.9	83.9	84.2	85.3
74.9	78.7	80.4	82.4	84.2	84.4	85.5	86.4	86.4	86.7	87.4	87.5	88.1	88.1	88.3	89.4
76.4	80.2	82.1	84.1	85.8	86.1	87.3	88.2	88.2	88.9	89.6	89.7	90.3	90.3	90.5	91.6
76.7	80.7	82.7	84.6	86.7	87.0	88.2	89.1	89.1	89.7	90.5	90.6	91.2	91.2	91.4	92.5
77.9	81.9	83.9	86.1	88.0	88.2	89.4	90.4	90.4	91.1	91.9	92.0	92.5	92.5	92.8	93.9
78.7	82.7	84.7	87.1	89.0	89.2	90.4	91.4	91.4	92.1	93.0	93.1	93.6	93.6	93.9	95.0
78.9	82.9	84.9	87.3	89.3	89.5	90.7	91.8	91.9	92.5	93.4	93.5	94.1	94.1	94.3	95.4
79.7	83.7	85.7	88.1	90.1	90.3	91.5	92.5	92.6	93.3	94.3	94.4	95.0	95.0	95.2	96.3
80.5	84.6	86.7	89.1	91.1	91.3	92.5	93.5	93.6	94.3	95.4	95.5	96.3	96.3	96.5	97.7
80.6	84.7	86.8	89.4	91.4	91.6	92.9	93.9	94.0	94.6	95.8	95.9	96.7	96.8	97.1	98.2
80.6	84.9	87.1	89.7	91.9	92.2	93.4	94.4	94.5	95.2	96.4	96.5	97.3	97.5	97.9	99.2
80.6	84.9	87.1	89.7	91.9	92.2	93.4	94.4	94.5	95.3	96.5	96.7	97.4	97.7	98.1	99.6
80.6	84.9	87.1	89.7	91.9	92.2	93.4	94.4	94.5	95.3	96.5	96.7	97.4	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 3 COLD LAKE APT CN 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

40.5	42.4	42.9	43.3	43.7	43.7	44.3	44.3	44.3	44.8	45.1	45.1	45.9	46.0	46.7	47.2
44.3	46.1	46.7	47.2	47.6	47.6	48.2	48.2	48.2	48.6	49.0	49.0	49.8	49.9	50.6	51.0
44.3	46.1	46.7	47.2	47.6	47.6	48.2	48.2	48.2	48.6	49.0	49.0	49.8	49.9	50.6	51.0
44.3	46.1	46.7	47.2	47.6	47.6	48.2	48.2	48.2	48.6	49.0	49.0	49.8	49.9	50.6	51.0
44.8	46.6	47.2	47.6	48.1	48.1	48.6	48.7	48.7	49.2	49.5	49.5	50.3	50.5	51.1	51.6
47.0	48.9	49.4	49.9	50.3	50.3	50.9	51.0	51.0	51.5	51.8	51.8	52.6	52.7	53.4	53.9
51.1	53.3	54.0	54.6	55.1	55.1	55.8	55.9	55.9	56.4	56.7	56.7	57.5	57.6	58.3	58.8
53.2	55.8	56.7	57.4	58.2	58.3	59.3	59.6	59.6	60.0	60.4	60.4	61.2	61.3	62.0	62.4
56.4	59.1	60.0	61.3	62.1	62.3	63.4	63.7	63.7	64.2	64.7	64.7	65.5	65.6	66.3	66.7
59.0	61.8	62.8	64.1	64.9	65.1	66.3	66.6	66.6	67.3	67.8	67.8	68.6	68.7	69.4	69.8
59.6	62.6	63.7	65.0	65.8	66.1	67.2	67.5	67.5	68.2	68.7	68.7	69.5	69.6	70.3	70.7
60.0	63.3	64.4	65.7	66.5	66.7	67.9	68.2	68.2	68.9	69.4	69.4	70.2	70.3	71.0	71.4
60.8	64.2	65.3	66.6	67.4	67.8	68.9	69.2	69.2	69.9	70.4	70.4	71.2	71.3	72.0	72.4
61.7	65.1	66.2	67.5	68.5	68.8	69.9	70.3	70.3	71.0	71.4	71.4	72.2	72.3	73.0	73.5
63.0	66.6	67.8	69.2	70.2	70.5	71.6	72.0	72.0	72.7	73.1	73.1	73.9	74.0	74.7	75.2
66.3	69.9	71.2	72.8	73.7	74.0	75.2	75.6	75.6	76.3	76.8	76.8	77.6	77.7	78.4	78.8
67.2	71.0	72.3	74.0	74.9	75.3	76.4	76.9	76.9	77.6	78.0	78.0	78.8	78.9	79.6	80.1
69.6	73.5	75.1	77.1	78.0	78.4	79.6	80.1	80.1	80.9	81.3	81.3	82.1	82.2	82.9	83.4
69.9	73.8	75.4	77.4	78.4	78.7	80.0	80.4	80.4	81.2	81.7	81.7	82.5	82.6	83.3	83.7
71.1	75.2	76.8	78.8	79.8	80.3	81.9	82.5	82.5	83.3	83.7	83.7	84.5	84.6	85.3	85.8
72.8	76.9	78.6	80.6	81.7	82.1	83.8	84.9	84.9	85.8	86.2	86.2	87.0	87.1	87.8	88.3
74.6	78.7	80.4	82.5	83.7	84.2	86.0	87.0	87.0	88.2	88.6	88.6	89.4	89.5	90.2	90.7
75.5	79.8	81.5	83.6	84.9	85.3	87.1	88.2	88.2	89.3	89.7	89.7	90.5	90.7	91.3	91.8
76.5	81.1	82.8	85.1	86.3	86.8	88.6	89.7	89.7	90.9	91.6	91.6	92.4	92.5	93.2	93.6
77.6	82.1	83.8	86.1	87.4	87.8	89.6	90.8	90.8	92.0	92.7	92.7	93.5	93.6	94.3	94.8
78.2	82.9	84.6	86.9	88.2	88.6	90.4	91.6	91.6	92.8	93.6	93.6	94.5	94.6	95.3	95.8
78.4	83.0	84.7	87.0	88.3	88.7	90.5	91.7	91.7	92.9	93.8	93.8	94.8	94.9	95.6	96.0
78.8	83.5	85.[illegible]	87.5	88.7	89.2	91.0	92.1	92.1	93.4	94.3	94.3	95.4	95.6	96.2	96.7
78.9	83.9	85.6	88.0	89.3	89.9	91.8	93.1	93.1	94.3	95.2	95.2	96.4	96.5	97.2	97.6
79.0	84.1	85.9	88.3	89.6	90.2	92.3	93.6	93.6	95.2	96.1	96.1	97.3	97.4	98.3	98.7
79.0	84.1	85.9	88.3	89.6	90.2	92.3	93.6	93.6	95.3	96.2	96.2	97.5	97.6	98.9	99.3
79.0	84.1	85.9	88.3	89.6	90.2	92.3	93.6	93.6	95.3	96.2	96.2	97.5	97.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 87

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12.0 COLD LAKE APT CN 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

33.4	37.0	37.2	37.8	38.5	38.5	39.0	39.2	39.2	40.1	40.3	40.4	41.1	41.1	41.6	42.4
39.6	44.0	44.9	45.7	46.8	46.9	47.5	47.8	47.8	48.7	49.0	49.1	49.8	49.8	50.2	51.1
39.6	44.0	44.9	45.7	46.8	46.9	47.5	47.8	47.8	48.7	49.0	49.1	49.8	49.8	50.2	51.1
39.6	44.0	44.9	45.7	46.8	46.9	47.5	47.8	47.8	48.7	49.0	49.1	49.8	49.8	50.2	51.1
40.0	44.3	45.2	46.0	47.4	47.5	48.1	48.5	48.5	49.4	49.7	49.8	50.5	50.5	50.9	51.8
43.5	47.9	49.0	49.9	51.3	51.4	51.9	52.4	52.4	53.4	53.6	53.8	54.4	54.4	54.9	55.8
48.5	53.4	54.4	55.9	57.3	57.4	58.3	59.1	59.1	60.5	60.7	60.8	61.5	61.5	62.1	63.0
50.4	55.7	56.8	58.4	60.3	60.4	61.3	62.2	62.2	63.6	63.9	64.0	64.7	64.7	65.3	66.2
53.4	58.4	59.6	61.6	63.6	63.7	64.6	65.7	65.7	67.1	67.4	67.5	68.2	68.2	68.8	69.7
55.8	61.0	62.2	64.2	66.5	66.6	67.8	68.9	68.9	70.5	70.8	71.0	71.6	71.6	72.2	73.1
56.4	61.6	62.8	65.0	67.3	67.4	68.7	69.8	69.8	71.4	71.8	71.9	72.6	72.6	73.1	74.0
57.3	62.6	63.8	66.1	68.3	68.5	69.7	70.8	70.8	72.4	72.8	72.9	73.6	73.6	74.1	75.1
57.4	62.8	63.9	66.2	68.5	68.7	69.9	71.1	71.1	72.7	73.0	73.1	73.8	73.8	74.4	75.3
58.5	64.0	65.3	67.8	70.2	70.4	71.9	73.1	73.1	74.8	75.2	75.3	76.0	76.0	76.5	77.4
59.3	64.9	66.2	68.8	71.4	71.6	73.2	74.6	74.6	76.3	76.7	76.8	77.4	77.4	78.0	78.9
62.4	68.2	69.5	72.3	75.1	75.4	77.0	78.4	78.4	80.2	80.6	80.8	81.4	81.4	82.0	82.9
63.2	69.0	70.4	73.3	76.4	76.8	78.4	79.7	79.7	81.5	82.0	82.1	82.8	82.8	83.4	84.3
64.2	70.4	71.8	74.7	77.8	78.2	79.8	81.3	81.4	83.5	83.9	84.1	84.7	84.7	85.3	86.2
64.2	70.4	71.8	74.7	77.8	78.2	79.8	81.3	81.4	83.5	83.9	84.1	84.7	84.7	85.3	86.2
65.4	71.6	73.3	76.5	79.6	80.1	82.0	83.7	83.9	86.0	86.4	86.6	87.2	87.2	87.8	88.7
66.3	72.7	74.4	77.7	80.8	81.2	83.3	85.0	85.2	87.2	87.7	87.8	88.5	88.5	89.1	90.0
67.8	74.3	76.1	79.5	82.6	83.0	85.1	86.8	87.0	89.2	89.6	89.7	90.4	90.4	91.0	91.9
68.7	75.2	77.2	80.6	83.7	84.2	86.2	87.9	88.2	90.3	90.8	90.9	91.6	91.6	92.1	93.1
69.2	76.1	78.1	81.5	84.6	85.1	87.1	89.0	89.2	91.3	91.8	91.9	92.6	92.6	93.2	94.1
69.8	76.7	78.7	82.1	85.2	85.6	87.7	89.5	89.9	92.0	92.6	92.7	93.4	93.4	94.0	94.9
70.5	77.4	79.5	83.1	86.2	86.7	88.7	90.5	90.9	93.1	93.6	93.7	94.5	94.5	95.1	96.0
70.8	77.9	80.0	83.7	86.9	87.4	89.4	91.2	91.6	93.7	94.3	94.4	95.2	95.2	95.8	96.7
71.2	78.2	80.4	84.2	87.4	87.8	89.9	91.7	92.0	94.2	94.8	94.9	95.9	95.9	96.5	97.4
71.2	78.2	80.4	84.3	87.6	88.0	90.3	92.3	92.6	94.8	95.6	95.7	96.8	96.8	97.4	98.3
71.3	78.5	80.6	84.5	87.9	88.4	90.8	92.7	93.1	95.4	96.4	96.5	97.6	97.6	98.5	99.4
71.3	78.5	80.6	84.5	87.9	88.4	90.8	92.7	93.1	95.4	96.4	96.5	97.6	97.6	98.7	99.8
71.3	78.5	80.6	84.5	87.9	88.4	90.8	92.7	93.1	95.4	96.4	96.5	97.6	97.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7.12.0 COLD LAKE APT CN 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

44.8	47.3	48.3	46.4	46.6	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.3	49.5
52.9	55.6	56.8	57.2	57.6	57.7	57.9	58.4	58.4	58.4	58.5	58.5	58.6	58.6	58.7	59.0
53.7	55.7	56.9	57.4	57.7	57.8	58.0	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.8	59.1
53.0	55.7	56.9	57.4	57.7	57.8	58.0	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.8	59.1
53.8	56.5	57.7	58.1	58.5	58.6	58.8	59.3	59.3	59.3	59.4	59.4	59.5	59.5	59.6	59.9
56.7	59.8	61.1	61.5	61.8	62.0	62.2	62.6	62.6	62.6	62.7	62.7	63.0	63.2	63.3	63.6
60.5	64.0	65.2	65.9	66.8	66.9	67.2	67.9	67.9	67.9	68.0	68.0	68.2	68.5	68.6	68.9
62.7	66.4	67.8	68.9	70.0	70.1	70.7	71.5	71.5	71.6	71.7	71.7	71.9	72.2	72.3	72.6
63.9	67.7	69.3	70.1	71.4	71.5	72.1	73.0	73.0	73.1	73.2	73.2	73.4	73.6	73.7	74.1
65.8	69.7	71.0	72.2	73.8	74.0	74.9	75.8	75.8	75.9	76.0	76.0	76.2	76.4	76.5	76.9
66.0	69.9	71.3	72.5	74.2	74.3	75.2	76.1	76.1	76.2	76.3	76.3	76.5	76.8	76.9	77.2
66.1	70.0	71.4	72.6	74.5	74.6	75.5	76.4	76.4	76.5	76.7	76.7	76.9	77.1	77.2	77.6
66.3	70.3	71.6	72.8	74.7	74.9	75.8	76.7	76.7	76.8	76.9	76.9	77.1	77.3	77.4	77.8
68.0	71.9	73.3	74.5	76.4	76.5	77.7	78.8	78.8	78.9	79.0	79.0	79.2	79.5	79.6	79.9
68.6	72.6	74.0	75.3	77.2	77.3	78.5	79.6	79.6	79.7	79.8	79.8	80.0	80.2	80.4	80.7
70.0	74.1	75.5	76.9	79.0	79.1	80.6	82.0	82.0	82.3	82.4	82.4	82.6	82.8	82.9	83.3
70.9	75.3	76.8	78.2	80.4	80.6	82.0	83.6	83.6	83.8	84.0	84.0	84.2	84.4	84.5	84.8
71.9	76.3	77.9	79.5	81.8	82.2	83.8	85.4	85.4	85.7	85.9	85.9	86.1	86.3	86.4	86.8
72.6	77.2	78.8	80.5	82.8	83.2	84.8	86.4	86.4	86.8	86.9	86.9	87.1	87.3	87.4	87.8
74.5	79.7	81.3	82.9	85.4	85.7	87.4	89.0	89.0	89.5	89.6	89.6	89.8	90.1	90.2	90.6
76.1	81.5	83.1	84.7	87.3	87.7	89.3	91.0	91.1	91.6	91.7	91.7	91.9	92.3	92.4	92.7
77.6	83.2	84.8	86.5	89.3	89.7	91.4	93.0	93.3	94.2	94.3	94.3	94.5	94.8	94.9	95.3
77.9	83.5	85.2	86.9	89.7	90.0	91.7	93.4	93.6	94.5	94.6	94.6	94.8	95.2	95.3	95.6
78.2	83.8	85.5	87.3	90.1	90.5	92.1	93.8	94.1	94.9	95.2	95.3	95.5	95.8	96.0	96.3
78.2	83.8	85.5	87.4	90.2	90.6	92.3	94.1	94.3	95.2	95.6	95.7	96.0	96.3	96.4	96.7
78.9	84.5	86.2	88.1	90.9	91.2	93.0	94.8	95.1	96.0	96.5	96.6	96.9	97.2	97.3	97.6
79.2	85.1	86.8	88.8	91.6	91.9	93.7	95.5	95.7	96.6	97.2	97.3	97.5	97.9	98.0	98.3
79.5	85.5	87.2	89.2	92.1	92.5	94.3	96.1	96.3	97.3	97.9	98.0	98.2	98.5	98.7	99.0
79.6	85.6	87.4	89.5	92.4	92.7	94.5	96.3	96.5	97.6	98.2	98.3	98.5	98.9	99.0	99.3
79.6	85.6	87.4	89.5	92.6	92.9	94.7	96.5	96.7	97.9	98.4	98.5	98.8	99.2	99.3	99.7
79.6	85.6	87.4	89.5	92.6	92.9	94.7	96.5	96.7	97.9	98.4	98.5	98.8	99.2	99.7	100.0
79.6	85.6	87.4	89.5	92.6	92.9	94.7	96.5	96.7	97.9	98.4	98.5	98.8	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12.0 COLD LAKE APT CN 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

46.1	47.4	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8
57.1	58.4	58.8	59.1	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
57.1	58.4	58.8	59.1	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
57.1	58.4	58.8	59.1	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
57.5	58.8	59.3	59.6	59.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4
60.4	61.9	62.4	62.7	63.1	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
65.9	67.8	68.3	68.7	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
67.5	69.4	70.0	70.4	71.6	71.7	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
68.5	70.4	71.1	71.5	72.7	72.8	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
70.4	72.3	73.0	73.4	74.7	74.9	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
70.9	72.7	73.4	74.0	75.3	75.5	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5
71.5	73.4	74.1	74.7	76.2	76.5	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5
72.0	73.8	74.5	75.3	76.7	77.0	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0
72.7	74.8	75.5	76.4	77.8	78.1	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1
73.6	75.7	76.4	77.4	78.9	79.2	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.4	80.4
75.5	77.6	78.6	79.8	81.8	82.2	83.2	83.6	83.6	83.8	83.9	83.9	83.9	83.9	84.0	84.0
76.2	78.6	79.6	80.9	83.1	83.6	84.5	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.3	85.3
78.3	81.0	82.0	83.4	85.8	86.4	87.7	88.1	88.1	88.3	88.5	88.5	88.6	88.6	88.7	88.7
78.7	81.5	82.6	84.1	86.4	87.2	88.6	89.0	89.0	89.2	89.4	89.4	89.5	89.5	89.6	89.6
80.6	83.6	84.7	86.2	88.5	89.3	91.2	91.5	91.5	91.7	91.9	91.9	92.1	92.1	92.2	92.2
81.8	84.9	86.0	87.6	90.0	90.7	92.7	93.3	93.5	93.7	93.9	93.9	94.0	94.0	94.2	94.2
82.3	85.5	86.6	88.3	90.6	91.4	93.5	94.0	94.4	95.1	95.4	95.4	95.6	95.6	95.7	95.7
82.5	85.8	86.9	88.5	90.8	91.6	93.7	94.3	94.6	95.4	95.6	95.6	95.8	95.8	95.9	95.9
83.3	86.3	87.4	89.1	91.4	92.2	94.3	94.8	95.1	95.9	96.1	96.1	96.5	96.5	96.6	96.6
83.2	86.5	87.6	89.3	91.8	92.6	94.7	95.3	95.6	96.4	97.1	97.1	97.5	97.5	97.6	97.6
83.3	86.8	87.9	89.5	92.1	92.8	94.9	95.5	95.8	96.7	97.5	97.5	97.8	98.0	98.1	98.1
83.9	87.3	88.4	90.1	92.6	93.4	95.5	96.0	96.4	97.2	98.0	98.0	98.5	98.7	98.8	98.8
84.2	87.9	89.0	90.7	93.3	94.0	96.1	96.7	97.0	98.0	98.9	98.9	99.3	99.6	99.7	99.7
84.3	88.0	89.1	90.8	93.4	94.2	96.2	96.8	97.1	98.1	99.0	99.0	99.4	99.7	99.8	99.9
84.3	88.0	89.1	90.8	93.4	94.2	96.4	96.9	97.2	98.2	99.1	99.1	99.6	99.8	99.9	100.0
84.3	88.0	89.1	90.8	93.4	94.2	96.4	96.9	97.2	98.2	99.1	99.1	99.6	99.8	99.9	100.0
84.3	88.0	89.1	90.8	93.4	94.2	96.4	96.9	97.2	98.2	99.1	99.1	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 906

USAF ETAC [illegible] OLA [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

48.5	49.1	49.3	49.3	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.0
55.3	56.2	56.3	56.4	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3
55.3	56.0	56.3	56.4	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3
55.3	56.0	56.3	56.4	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3
55.3	56.2	56.4	56.5	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4
58.1	58.9	59.4	59.5	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6
62.6	64.0	64.5	64.9	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0
64.4	65.9	66.4	67.2	68.2	68.2	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.6
66.4	68.0	68.6	69.4	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
68.6	70.4	71.0	71.9	72.9	72.9	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4
68.8	70.6	71.3	72.3	73.3	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8
69.6	71.4	72.0	73.0	74.0	74.0	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6
70.0	71.9	72.7	73.7	74.7	74.7	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3
70.7	72.6	73.4	74.5	75.6	75.6	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2
71.4	73.4	74.4	75.7	77.0	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5
72.9	75.4	76.8	78.5	79.9	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.8
74.3	77.0	78.5	80.5	82.1	82.3	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.3
76.5	79.4	81.3	83.4	85.2	85.6	86.2	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.0
77.4	80.3	82.3	84.6	86.7	87.0	87.8	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6
78.6	81.8	83.8	86.0	88.5	88.8	89.9	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7
81.1	84.3	86.4	88.7	91.2	91.5	92.6	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8
81.3	84.6	86.6	89.1	91.6	91.9	93.1	93.7	94.1	94.9	94.9	94.9	94.9	94.9	94.9	95.0
81.5	84.8	86.8	89.4	91.8	92.2	93.4	94.1	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.3
81.7	85.0	87.0	89.6	92.1	92.4	93.7	94.4	94.6	95.5	95.6	95.6	95.6	95.6	95.6	95.7
82.0	85.5	87.5	90.0	92.5	92.8	94.2	94.9	95.1	96.0	96.3	96.3	96.3	96.3	96.3	96.4
82.4	85.9	87.9	90.5	93.0	93.3	94.6	95.3	95.5	96.4	97.0	97.0	97.1	97.1	97.1	97.2
83.4	86.9	89.1	91.7	94.2	94.5	95.9	96.5	96.8	97.7	98.2	98.2	98.3	98.3	98.3	98.4
83.8	87.2	89.5	92.1	94.7	95.1	96.5	97.2	97.4	98.3	98.9	98.9	99.0	99.2	99.2	99.1
83.9	87.5	89.7	92.4	95.1	95.4	96.9	97.5	97.8	98.7	99.2	99.2	99.3	99.3	99.3	99.4
83.9	87.5	89.7	92.4	95.1	95.5	97.0	97.7	97.9	98.8	99.3	99.4	99.6	99.6	99.6	99.8
83.9	87.5	89.7	92.4	95.1	95.5	97.0	97.7	97.9	98.8	99.3	99.4	99.6	99.6	99.6	99.6
84.0	87.6	89.8	92.5	95.2	95.6	97.1	97.8	98.0	98.9	99.4	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 0 COLD LAKE APT CN 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

21-0-2300

46.0	47.5	48.0	48.1	48.3	48.3	48.5	48.5	48.5	48.8	48.8	48.8	49.1	49.1	49.1	49.2
49.6	51.2	51.7	51.9	52.2	52.2	52.4	52.4	52.4	52.7	52.7	52.7	52.9	52.9	52.9	53.0
49.6	51.2	51.7	51.9	52.2	52.2	52.4	52.4	52.4	52.7	52.7	52.7	52.9	52.9	52.9	53.0
49.6	51.2	51.7	51.9	52.2	52.2	52.4	52.4	52.4	52.7	52.7	52.7	52.9	52.9	52.9	53.0
49.8	51.7	52.3	52.5	52.7	52.7	52.9	52.9	52.9	53.3	53.3	53.3	53.5	53.5	53.5	53.6
51.9	53.9	54.5	54.9	55.2	55.2	55.5	55.5	55.5	55.8	55.8	55.8	56.0	56.0	56.0	56.1
57.2	59.8	60.3	60.8	61.1	61.2	61.4	61.4	61.4	62.1	62.1	62.1	62.3	62.3	62.3	62.4
58.9	61.4	62.0	62.7	63.3	63.4	63.8	63.8	63.8	64.4	64.4	64.4	64.6	64.6	64.6	64.8
61.2	63.9	64.4	65.2	65.9	66.0	66.3	66.3	66.3	67.0	67.0	67.0	67.2	67.2	67.2	67.3
63.5	66.5	67.2	68.1	68.7	68.8	69.2	69.2	69.2	69.8	69.8	69.8	70.1	70.1	70.1	70.2
64.3	67.3	68.1	69.1	69.7	69.8	70.2	70.2	70.2	70.8	70.8	70.8	71.0	71.0	71.0	71.2
65.7	68.8	69.6	70.6	71.3	71.4	71.7	71.7	71.7	72.4	72.4	72.4	72.6	72.6	72.6	72.7
66.6	69.7	70.5	71.7	72.4	72.5	72.8	72.8	72.8	73.5	73.5	73.5	73.7	73.7	73.7	73.8
67.6	70.7	71.6	72.9	73.7	73.8	74.1	74.3	74.3	74.9	74.9	74.9	75.1	75.1	75.1	75.2
68.3	71.4	72.3	73.8	74.6	74.9	75.4	75.5	75.5	76.2	76.2	76.2	76.5	76.5	76.5	76.6
69.7	72.9	74.1	76.2	77.1	77.7	78.1	78.2	78.2	79.0	79.0	79.0	79.2	79.2	79.2	79.3
71.7	75.2	76.5	78.8	79.7	80.6	81.0	81.1	81.1	81.9	81.9	81.9	82.1	82.1	82.1	82.2
74.3	78.6	80.0	82.7	83.8	84.8	85.2	85.4	85.4	86.2	86.2	86.2	86.4	86.4	86.4	86.5
75.0	79.8	80.2	82.9	84.1	85.1	85.6	85.9	85.9	86.6	86.6	86.6	86.9	86.9	86.9	87.[illegible]
77.1	81.9	82.4	85.3	86.5	87.5	88.7	89.0	89.[illegible]	89.7	89.7	89.7	89.9	89.9	89.9	90.1
79.2	83.2	85.[illegible]	87.8	89.1	90.1	91.3	92.6	93.0	93.8	93.9	93.9	94.1	94.1	94.1	94.3
80.2	84.4	86.2	89.1	90.3	91.3	92.5	93.6	94.3	95.4	95.5	95.5	95.7	95.7	95.7	95.8
80.9	85.1	86.9	89.7	90.9	91.9	93.1	94.5	94.9	96.0	96.2	96.2	96.5	96.5	96.5	96.6
81.3	85.5	87.3	90.2	91.4	92.4	93.6	94.9	95.4	96.5	96.7	96.7	96.9	96.9	96.9	97.0
81.4	85.6	87.5	90.4	91.6	92.6	93.8	95.1	95.6	96.7	97.0	97.0	97.2	97.2	97.2	97.3
81.7	85.9	87.7	90.6	91.8	92.8	94.0	95.4	95.8	96.9	97.2	97.2	97.5	97.5	97.5	97.6
82.2	86.5	88.4	91.3	92.5	93.5	94.7	96.0	96.5	97.7	98.0	98.0	98.2	98.2	98.2	98.3
82.5	87.0	88.8	91.7	92.9	93.9	95.1	96.5	96.9	98.1	98.5	98.5	98.7	98.7	98.7	98.8
82.5	87.1	89.[illegible]	91.9	93.1	94.1	95.4	96.8	97.2	98.5	98.8	98.8	99.0	99.0	99.0	99.1
82.8	87.4	89.3	92.3	93.5	94.5	95.8	97.2	97.7	98.9	99.2	99.2	99.4	99.6	99.6	99.7
82.8	87.4	89.3	92.3	93.5	94.5	95.8	97.2	97.7	98.9	99.2	99.3	99.7	99.8	99.8	99.9
82.8	87.4	89.3	92.3	93.5	94.5	95.8	97.2	97.7	98.9	99.2	99.3	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 935

USAF ETA [illegible]

GLOBAL CLIMATOLOGY BRANCH
CLIMAT AC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12.0 COLD LAKE APT CA 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

43.1	44.8	45.2	45.5	45.8	45.9	46.1	46.2	46.2	46.5	46.7	46.7	47.1	47.1	47.3	47.7
49.0	50.8	51.4	51.6	52.3	52.3	52.6	52.7	52.7	53.1	53.3	53.3	53.6	53.7	53.9	54.3
49.0	50.8	51.5	51.6	52.3	52.3	52.6	52.8	52.8	53.1	53.3	53.3	53.6	53.7	53.9	54.3
49.0	50.8	51.5	51.6	52.3	52.4	52.6	52.8	52.8	53.1	53.3	53.3	53.7	53.7	53.9	54.4
49.4	51.2	51.9	52.3	52.8	52.8	53.1	53.3	53.3	53.6	53.8	53.8	54.2	54.2	54.4	54.9
51.8	53.8	54.5	54.9	55.5	55.5	55.8	56.0	56.0	56.4	56.5	56.6	56.9	57.0	57.2	57.7
56.3	58.7	59.5	60.0	60.8	60.9	61.2	61.5	61.5	61.9	62.1	62.1	62.5	62.5	62.6	63.2
58.6	61.2	62.0	62.9	63.9	64.0	64.4	64.8	64.8	65.2	65.4	65.4	65.8	65.8	66.1	66.5
60.7	63.4	64.2	65.2	66.3	66.4	66.9	67.2	67.2	67.7	67.9	68.0	68.3	68.4	68.6	69.1
63.0	65.9	66.7	67.8	69.1	69.2	69.8	70.1	70.1	70.7	70.9	70.9	71.3	71.3	71.6	72.0
63.5	66.4	67.3	68.4	69.7	69.8	70.5	70.6	70.8	71.4	71.6	71.6	72.0	72.0	72.3	72.7
64.4	67.3	68.3	69.5	70.8	71.0	71.6	71.9	71.9	72.5	72.7	72.7	73.1	73.2	73.4	73.9
65.0	68.0	68.9	70.2	71.6	71.8	72.4	72.8	72.8	73.3	73.5	73.6	73.9	74.0	74.2	74.7
66.2	69.3	70.2	71.6	73.1	73.2	73.9	74.4	74.4	74.9	75.2	75.2	75.5	75.6	75.8	76.3
66.9	70.1	71.2	72.6	74.2	74.4	75.1	75.6	75.6	76.1	76.4	76.4	76.7	76.8	77.0	77.5
69.0	72.4	73.6	75.3	77.0	77.3	78.2	78.7	78.7	79.3	79.5	79.6	79.9	80.0	80.2	80.7
70.1	73.7	75.0	76.8	78.7	79.0	80.0	80.5	80.5	81.2	81.4	81.5	81.8	81.9	82.1	82.6
72.3	76.0	77.5	79.5	81.5	82.0	83.0	83.6	83.7	84.4	84.6	84.7	85.0	85.1	85.3	85.8
72.8	76.6	78.1	80.2	82.3	82.7	83.8	84.5	84.5	85.2	85.4	85.5	85.8	85.9	86.1	86.6
74.4	78.4	79.9	82.1	84.3	84.7	86.2	86.9	86.9	87.6	87.9	87.9	88.3	88.4	88.6	89.1
76.3	80.5	82.1	84.3	86.4	86.9	88.4	89.5	89.7	90.4	90.7	90.7	91.1	91.2	91.4	91.9
77.5	81.8	83.5	85.7	88.0	88.4	90.0	91.1	91.3	92.4	92.7	92.7	93.1	93.2	93.4	93.9
78.0	82.3	84.0	86.3	88.6	89.0	90.6	91.7	91.9	93.0	93.4	93.4	93.8	93.8	94.1	94.5
78.6	83.0	84.7	87.0	89.3	89.7	91.4	92.5	92.7	93.8	94.2	94.2	94.6	94.7	94.9	95.4
79.0	83.4	85.2	87.5	89.8	90.3	91.9	93.1	93.3	94.4	95.0	95.0	95.4	95.5	95.8	96.2
79.5	84.0	85.7	88.1	90.4	90.9	92.5	93.7	93.9	95.1	95.7	95.8	96.2	96.3	96.5	97.2
80.1	84.6	86.4	88.8	91.1	91.6	93.2	94.4	94.6	95.8	96.5	96.5	96.9	97.0	97.3	97.7
80.4	85.0	86.8	89.3	91.6	92.1	93.8	94.9	95.1	96.4	97.1	97.1	97.6	97.7	98.0	98.4
80.5	85.2	87.0	89.5	91.9	92.4	94.1	95.3	95.5	96.7	97.5	97.5	98.1	98.2	98.4	98.9
80.6	85.3	87.1	89.7	92.1	92.7	94.4	95.6	95.9	97.2	97.9	98.0	98.5	98.7	99.0	99.5
80.6	85.3	87.[illegible]	[illegible]	92.1	92.7	94.4	95.6	95.9	97.2	97.9	98.0	98.6	98.7	99.2	99.6
80.6	85.4	87.[illegible]	[illegible]	92.2	92.7	94.4	95.7	95.9	97.2	98.0	98.0	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7136

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7-12 D COLD LAKE APT CN 73-84 56-

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1000-2200

53.9	54.5	55.[illegible]	55.4	55.5	55.5	55.9	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.4	56.5	
55.9	57.0	57.4	57.7	57.9	57.9	58.2	58.2	58.2	58.4	58.5	58.5	58.5	58.5	58.7	58.9	
55.9	57.0	57.4	57.7	57.9	57.9	58.2	58.2	58.2	58.4	58.5	58.5	58.5	58.5	58.7	58.9	
56.0	57.1	57.5	57.9	58.0	58.0	58.4	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.9	59.0	
56.6	57.7	58.1	58.5	58.6	58.6	59.0	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.5	59.6	
58.9	60.0	60.3	60.7	60.8	60.8	61.2	61.2	61.2	61.5	61.6	61.6	61.6	61.6	61.8	62.0	
63.9	65.4	65.9	66.3	66.4	66.4	67.0	67.0	67.0	67.3	67.4	67.4	67.4	67.4	67.7	67.8	
66.8	68.5	69.0	69.6	69.8	69.8	70.4	70.4	70.4	70.6	70.8	70.8	70.8	70.8	71.0	71.1	
69.1	71.1	71.7	72.4	72.5	72.6	73.2	73.2	73.2	73.5	73.6	73.6	73.6	73.6	73.9	74.0	
71.4	73.4	74.2	75.0	75.1	75.2	75.8	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.6	76.7	
73.0	75.1	76.0	76.7	76.8	77.0	77.6	77.7	77.7	77.9	78.1	78.1	78.1	78.1	78.3	78.4	
73.5	75.6	76.5	77.2	77.3	77.4	78.1	78.2	78.2	78.4	78.6	78.6	78.6	78.6	78.8	78.9	
74.2	76.3	77.2	77.9	78.1	78.2	78.8	78.9	78.9	79.2	79.3	79.3	79.3	79.3	79.6	79.7	
75.8	78.3	79.0	79.9	80.0	80.2	80.8	80.9	80.9	81.2	81.3	81.3	81.3	81.3	81.5	81.7	
76.5	79.1	79.9	80.7	8[illegible].9	81.0	81.7	81.8	81.8	82.0	82.2	82.2	82.2	82.2	82.4	82.5	
78.4	81.3	82.9	84.0	84.6	84.8	85.7	85.9	85.9	86.4	86.5	86.5	86.5	86.5	86.7	86.9	
79.7	82.8	84.5	85.6	86.2	86.5	87.6	87.7	87.7	88.2	88.4	88.4	88.4	88.4	88.6	88.7	
81.3	84.5	86.2	87.5	88.2	88.5	90.0	90.1	90.1	90.6	90.7	90.7	90.7	90.7	91.0	91.1	
82.0	85.3	87.0	88.2	89.0	89.2	90.7	90.8	90.8	91.3	91.4	91.4	91.4	91.4	91.7	91.8	
83.3	86.5	88.2	89.5	90.2	90.5	92.3	92.6	92.6	93.1	93.2	93.2	93.2	93.2	93.4	93.6	
84.3	87.5	89.2	90.5	91.2	91.4	93.3	93.7	93.8	94.3	94.4	94.4	94.4	94.4	94.7	94.8	
85.5	88.7	90.5	91.7	92.4	92.7	94.5	94.9	95.0	95.8	96.0	96.0	96.0	96.0	96.3	96.4	
86.1	89.3	91.1	92.3	93.1	93.3	95.2	95.5	95.7	96.4	96.7	96.7	96.7	96.7	96.9	97.0	
86.2	89.5	91.3	92.6	93.3	93.6	95.4	95.8	95.9	96.7	96.9	96.9	96.9	96.9	97.1	97.3	
86.6	89.8	91.7	92.9	93.7	93.9	95.8	96.2	96.3	97.0	98.1	98.1	98.1	98.1	98.4	98.5	
87.0	90.3	92.2	93.4	94.2	94.4	96.3	96.7	96.8	97.5	98.6	98.6	98.6	98.6	98.9	99.0	
87.1	90.5	92.3	93.6	94.3	94.5	96.4	96.8	96.9	97.6	98.8	98.8	98.9	98.9	99.1	99.3	
87.4	90.7	92.6	93.8	94.5	94.8	96.7	97.0	97.1	97.9	99.0	99.0	99.1	99.1	99.4	99.5	
87.4	90.8	92.7	93.9	94.7	94.9	96.8	97.1	97.3	98.0	99.1	99.1	99.3	99.3	99.5	99.6	
87.4	90.8	92.7	93.9	94.7	94.9	96.8	97.1	97.3	98.0	99.1	99.1	99.3	99.3	99.5	99.6	
87.4	90.8	92.7	93.9	94.7	94.9	96.8	97.1	97.3	98.1	99.3	99.3	99.4	99.4	99.6	99.8	
87.4	90.8	92.7	93.9	94.7	94.9	96.8	97.1	97.3	98.1	99.3	99.3	99.4	99.4	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 627

2

CEILING VERSUS VISIBILITY

[illegible] LAKE [illegible] 73-[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
[illegible] OBSERVATIONS

[illegible]	51.9	51.9	52.6	52.8	53.1	53.1	53.3	53.3	53.3	53.5	53.5	53.8	54.0	54.[illegible]	[illegible]	[illegible]	54.3
51.[illegible]	53.9	54.5	54.7	55.1	55.1	55.2	55.2	55.2	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.2	
51.[illegible]	53.9	54.5	54.7	55.1	55.1	55.2	55.2	55.2	55.7	55.7	55.7	56.0	56.[illegible]	56.0	56.0		
51.[illegible]	53.9	54.5	54.7	55.1	55.1	55.2	55.2	55.2	55.7	55.7	55.7	56.0	56.[illegible]	56.0	56.2		
52.4	54.6	55.2	55.5	55.9	55.9	56.0	56.0	56.0	56.5	56.5	56.5	56.7	56.7	56.7	57.[illegible]		
54.1	56.4	57.[illegible]	57.2	57.6	57.6	57.7	57.7	57.7	58.2	58.2	58.2	58.4	58.4	58.4	58.7		
58.[illegible]	60.8	61.[illegible]	61.6	62.4	62.4	62.5	62.5	62.5	63.[illegible]	63.[illegible]	63.[illegible]	63.4	63.4	63.4	63.6		
63.3	63.1	63.[illegible]	64.1	64.7	64.7	64.9	64.[illegible]	64.9	65.7	65.7	65.7	66.1	66.1	66.1	66.3		
63.[illegible]	66.3	67.3	67.6	68.2	68.4	68.6	68.6	68.6	69.4	69.4	69.4	69.8	69.8	69.8	7[illegible].7		
66.[illegible]	67.4	7[illegible].4	7[illegible].7	71.3	71.5	71.6	71.6	71.6	72.5	72.5	72.5	72.9	72.9	72.9	73.1		
69.7	7[illegible].[illegible]	71.[illegible]	71.5	71.9	72.1	72.3	72.3	72.3	73.1	73.1	73.1	73.5	73.5	73.5	73.7		
67.[illegible]	71.4	72.4	72.6	73.2	73.5	73.6	73.6	73.6	74.5	74.5	74.5	74.8	74.8	74.8	75.1		
69.9	73.4	73.4	73.6	74.2	74.5	74.6	74.6	74.6	75.5	75.5	75.5	75.8	75.8	75.8	76.1		
6[illegible].2	73.4	74.5	74.7	75.3	75.6	75.7	75.8	75.8	76.7	76.7	76.7	77.1	77.1	77.1	77.3		
71.9	74.4	75.6	75.8	76.8	77.1	77.2	77.3	77.7	78.2	78.2	78.2	78.5	78.5	78.5	78.8		
72.[illegible]	76.4	77.6	78.2	79.2	79.5	79.7	79.8	79.8	80.6	80.6	80.6	81.0	81.0	81.0	81.3		
75.3	79.2	8[illegible].6	81.[illegible]	82.[illegible]	82.4	82.5	82.6	82.6	83.5	83.5	83.5	83.8	83.8	83.8	84.1		
77.7	81.8	82.2	83.6	84.7	85.1	85.2	85.3	85.3	86.2	86.2	86.2	86.6	86.6	86.6	86.8		
7[illegible].1	82.1	83.7	84.1	85.2	85.6	85.7	85.8	85.8	86.7	86.7	86.7	87.1	87.1	87.1	87.3		
76.3	83.6	85.2	85.6	86.7	87.2	87.7	[illegible]7.8	87.8	88.7	88.7	88.7	89.[illegible]	89.[illegible]	89.2	89.3		
81.3	85.6	87.3	87.6	88.9	89.4	89.9	90.3	90.3	91.1	91.1	91.1	91.5	91.5	91.5	91.7		
81.6	85.1	87.8	88.3	89.4	89.9	90.4	90.8	90.9	93.0	93.1	93.1	93.5	93.5	93.5	93.7		
8[illegible].1	86.4	88.2	88.8	89.9	90.4	90.9	91.2	91.2	93.5	93.6	93.6	94.0	94.[illegible]	94.0	94.[illegible]		
8[illegible]	87.4	89.1	89.6	90.9	91.4	91.9	92.4	92.4	94.6	94.7	94.6	95.2	95.2	95.2	95.4		
83.8	88.3	9[illegible].0	90.[illegible]	91.9	92.4	92.5	93.3	93.3	95.6	95.9	96.1	96.4	96.4	96.4	96.7		
84.6	89.[illegible]	9[illegible].8	91.5	92.6	93.1	93.6	94.1	94.1	96.3	96.7	96.8	97.3	97.3	97.3	97.5		
84.9	89.4	91.1	91.9	93.0	93.5	94.0	94.5	94.5	96.7	97.0	97.2	97.7	97.7	97.7	97.9		
84.5	89.4	91.1	91.9	93.0	93.5	94.0	94.5	94.5	96.7	97.0	97.2	97.8	97.8	97.9	98.2		
84.5	89.6	91.4	92.1	93.2	93.7	94.2	94.7	94.7	96.9	97.3	97.4	98.0	98.2	98.3	98.5		
84.8	89.6	91.4	92.2	93.8	94.3	94.8	95.3	95.3	97.7	98.0	98.2	98.8	98.9	99.0	99.3		
84.3	89.8	91.5	92.4	94.[illegible]	94.5	94.9	95.4	95.4	97.8	98.3	98.4	99.0	99.1	99.3	99.6		
84.5	89.8	91.5	92.4	94.0	94.5	94.9	95.4	95.4	97.8	98.4	98.5	99.1	99.3	99.5	1[illegible]		

TOTAL NUMBER OF OBSERVATIONS 511

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 D COLD LAKE APT CN 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1600-2000

47.3	48.8	49.1	49.8	5[illegible]	50.1	5[illegible].5	5[illegible].8	5[illegible].8	51.0	51.4	51.4	51.8	51.[illegible]	51.9	52.6	
51.3	52.8	53.1	53.8	54.0	54.1	54.6	54.9	54.9	55.1	55.5	55.5	55.9	56.[illegible]	56.0	56.[illegible]	
51.3	52.8	53.1	53.8	54.0	54.1	54.6	54.9	54.9	55.1	55.5	55.5	55.9	56.[illegible]	56.0	56.8	
51.4	52.9	53.3	53.9	54.1	54.3	54.8	55.0	55.0	55.3	55.6	55.6	56.0	56.1	56.1	56.9	
51.6	53.1	53.5	54.1	54.4	54.5	55.0	55.3	55.3	55.5	55.9	55.9	56.3	56.4	56.4	57.1	
53.6	55.1	55.5	56.1	56.4	56.5	57.[illegible]	57.3	57.[illegible]	57.5	58.1	58.1	58.5	58.6	58.6	59.4	
57.4	59.3	59.8	60.4	6[illegible].6	60.9	61.4	61.6	61.6	61.9	62.5	62.5	63.0	63.1	63.1	63.9	
59.[illegible]	61.4	61.9	62.6	63.0	63.3	63.8	64.[illegible]	64.[illegible]	64.4	65.0	65.0	65.5	65.6	65.6	66.4	
62.[illegible]	64.0	64.5	65.3	65.6	65.9	66.4	66.6	66.6	67.0	67.6	67.6	68.1	68.3	68.3	69.[illegible]	
64.5	66.8	67.3	68.1	68.5	68.8	69.3	69.5	69.5	69.9	70.5	70.5	71.0	71.1	71.1	71.9	
65.1	67.3	67.8	68.6	69.0	69.3	69.8	70.0	70.0	70.4	71.0	71.0	71.5	71.6	71.6	72.4	
66.6	68.8	69.3	70.1	70.5	70.8	71.5	71.8	71.8	72.1	72.8	72.8	73.3	73.4	73.4	74.1	
67.5	69.8	70.3	71.1	71.6	71.9	72.6	72.9	72.9	73.3	73.9	73.9	74.4	74.5	74.5	75.3	
68.3	70.9	71.4	72.3	72.8	73.0	73.8	74.0	74.0	74.4	75.[illegible]	75.0	75.5	75.6	75.6	76.4	
68.9	71.8	72.3	73.1	73.6	73.9	74.6	74.9	74.9	75.3	75.9	75.9	76.4	76.5	76.5	77.3	
71.[illegible]	74.3	75.[illegible]	76.0	76.9	77.4	78.1	78.4	78.4	78.[illegible]	79.4	79.4	79.9	80.0	80.0	80.8	
71.9	75.4	76.1	77.1	7[illegible].0	76.5	79.4	79.6	79.6	80.0	80.6	80.6	81.1	81.3	81.3	82.0	
73.6	77.1	78.0	79.1	80.1	80.9	81.9	82.3	82.3	82.8	83.4	83.4	83.9	84.0	84.0	84.8	
74.5	78.0	78.9	80.1	81.1	81.9	82.9	83.3	83.3	83.8	84.4	84.4	84.9	85.[illegible]	85.0	85.8	
76.1	79.9	81.8	82.1	83.1	83.9	85.3	85.6	85.6	86.1	86.8	86.8	87.3	87.4	87.4	88.1	
77.8	81.5	82.4	84.0	85.0	85.8	87.1	88.3	88.3	88.8	89.4	89.4	89.9	90.0	90.0	90.8	
78.3	82.0	83.1	84.9	85.9	86.6	88.0	89.1	89.1	90.3	90.9	90.9	91.4	91.5	91.5	92.3	
78.9	83.6	83.8	85.5	86.5	87.3	88.6	89.8	89.8	90.9	91.5	91.5	92.0	92.1	92.1	92.9	
79.5	83.3	84.4	86.1	87.1	87.9	89.3	90.4	90.4	91.5	92.4	92.4	92.9	93.0	93.0	93.8	
8[illegible].3	84.1	85.3	87.1	88.1	88.9	90.3	91.5	91.5	92.6	93.0	94.0	94.5	94.6	94.6	95.4	
81.[illegible]	84.9	86.[illegible]	88.0	89.0	89.8	91.1	92.4	92.4	93.6	95.0	95.1	95.6	95.8	95.8	96.5	
81.4	85.3	86.4	88.4	89.4	90.1	91.5	92.6	92.8	94.0	95.4	95.5	96.1	96.3	96.3	97.0	
81.8	85.8	86.9	88.9	90.0	90.8	92.1	93.4	93.4	94.6	96.0	96.1	97.0	97.1	97.3	98.0	
81.9	85.9	87.0	89.0	90.1	90.9	92.4	93.6	93.6	94.9	96.3	96.4	97.3	97.5	97.8	98.5	
82.[illegible]	86.0	87.1	89.3	90.6	91.4	93.0	94.3	94.3	95.6	97.3	97.4	98.3	98.5	98.8	99.6	
82.[illegible]	86.1	87.3	89.4	90.8	91.5	93.1	94.4	94.4	95.8	97.5	97.6	98.5	98.8	99.1	100.0	
82.0	86.1	87.3	89.4	90.8	91.5	93.1	94.4	94.4	95.8	97.5	97.6	98.5	98.8	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 600

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12 GOLD LAKE APT CN 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-1100

43.2	45.3	45.6	46.5	46.9	46.9	47.1	47.1	47.1	47.3	47.3	47.3	47.6	47.6	48.2	48.6
52.8	55.7	56.0	57.8	58.9	58.9	59.5	59.5	59.5	59.8	59.9	59.9	60.1	60.1	60.9	61.3
53.1	55.9	56.3	58.0	59.2	59.2	59.8	59.8	59.8	60.0	60.1	60.1	60.4	60.4	61.1	61.5
53.3	56.2	56.5	58.3	59.4	59.4	60.0	60.0	60.0	60.3	60.4	60.4	60.6	60.6	61.4	61.8
53.9	56.8	57.2	58.9	60.0	60.0	60.6	60.6	60.6	60.9	61.0	61.0	61.3	61.3	62.0	62.4
55.5	58.4	59.8	61.6	61.8	61.8	62.4	62.4	62.4	62.6	62.8	62.8	63.0	63.0	63.8	64.1
56.9	62.0	62.9	65.1	66.5	66.6	67.2	67.2	67.2	67.5	67.6	67.6	68.0	68.0	68.7	69.1
61.5	64.8	65.6	68.4	69.7	70.4	71.0	71.1	71.1	71.4	71.5	71.5	71.9	71.9	72.6	73.0
62.8	66.4	67.2	70.1	71.5	72.1	72.7	72.9	72.9	73.1	73.2	73.2	73.6	73.6	74.3	74.7
64.0	67.7	68.7	71.6	73.1	73.8	74.6	75.0	75.0	75.3	75.5	75.5	75.8	75.8	76.6	77.0
64.8	68.5	69.6	72.4	73.8	74.6	75.3	75.7	75.7	76.1	76.2	76.2	76.5	76.6	77.3	77.7
65.1	68.9	70.0	73.0	74.5	75.2	76.0	76.3	76.3	76.8	77.0	77.0	77.3	77.3	78.1	78.5
65.4	69.4	70.6	73.6	75.1	75.8	76.6	77.0	77.0	77.5	77.6	77.6	78.0	78.0	78.7	79.1
65.3	70.2	71.5	74.5	76.0	77.1	78.0	78.3	78.3	78.8	79.0	79.0	79.3	79.3	80.1	80.4
66.7	71.1	72.4	75.5	77.1	78.2	79.1	79.5	79.5	80.0	80.1	80.1	80.4	80.4	81.2	81.6
68.0	72.5	73.8	77.3	79.1	80.2	81.2	81.6	81.6	82.1	82.2	82.2	82.6	82.6	83.3	83.7
68.7	73.2	74.8	78.5	80.3	81.4	82.7	83.1	83.1	83.6	83.7	83.7	84.1	84.1	84.8	85.2
70.6	75.3	77.0	80.6	82.4	83.7	85.1	85.4	85.4	85.9	86.1	86.1	86.4	86.4	87.2	87.5
70.9	75.6	77.2	80.8	82.7	83.9	85.4	85.8	85.8	86.3	86.4	86.4	86.8	86.8	87.5	87.9
71.5	76.5	78.2	82.1	84.1	85.3	86.9	87.3	87.3	87.8	87.9	87.9	88.3	88.3	89.0	89.4
72.4	77.5	79.2	83.1	85.2	86.4	88.2	88.6	88.8	89.3	89.4	89.4	89.8	89.8	90.5	90.9
72.6	77.7	79.6	83.8	86.1	87.3	89.0	89.9	89.9	91.2	91.3	91.3	91.7	91.7	92.4	92.8
73.2	78.3	81.2	84.6	87.0	88.4	90.2	91.0	91.0	92.3	92.4	92.4	92.8	92.8	93.5	93.9
73.7	79.2	81.2	85.7	88.4	89.8	91.7	92.5	92.5	93.8	94.1	94.1	94.5	94.5	95.3	95.6
73.7	79.6	81.6	86.2	89.0	90.4	92.4	93.3	93.3	94.5	95.1	95.1	95.5	95.5	96.3	96.6
73.8	79.7	81.7	86.4	89.3	90.7	92.7	93.5	93.5	94.9	95.5	95.5	95.9	95.9	96.6	97.0
73.8	79.7	81.7	86.6	89.5	90.9	92.9	93.9	93.9	95.3	95.9	95.9	96.3	96.3	97.0	97.4
74.1	80.2	82.2	87.2	90.3	91.7	93.6	94.6	94.6	96.0	96.8	96.8	97.5	97.5	98.3	98.6
74.5	80.6	82.6	87.5	90.8	92.2	94.1	95.1	95.1	96.6	97.4	97.4	98.1	98.1	98.9	99.3
74.6	80.8	82.8	87.8	91.0	92.4	94.4	95.8	95.8	97.3	98.0	98.0	98.8	98.8	99.5	99.9
74.6	80.8	82.8	87.8	91.0	92.4	94.4	95.9	95.9	97.4	98.1	98.1	98.9	98.9	99.6	100.0
74.6	80.8	82.8	87.8	91.0	92.4	94.4	95.9	95.9	97.4	98.1	98.1	98.9	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 873

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

49.6	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
59.2	60.6	60.8	61.0	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
59.2	60.6	60.8	61.0	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
60.0	61.5	61.6	61.9	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
61.1	62.6	62.7	63.0	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
64.3	65.8	65.9	66.2	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
68.8	70.4	70.6	71.2	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
71.8	73.7	74.0	74.6	75.9	75.9	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
73.1	75.2	75.6	76.6	77.9	77.9	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
74.0	76.3	77.0	78.0	79.3	79.3	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
74.7	77.0	77.7	78.7	80.1	80.1	80.7	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
75.4	77.7	78.5	79.5	80.8	80.8	81.4	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
76.1	78.5	79.2	80.2	81.5	81.5	82.2	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
77.2	80.0	80.8	81.9	83.4	83.4	84.0	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
77.7	80.8	81.8	82.9	84.4	84.4	85.0	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
78.8	82.0	83.1	84.3	86.0	86.0	86.6	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
80.6	83.9	85.0	86.1	87.8	87.8	88.6	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
82.5	86.0	87.1	88.2	89.9	90.0	90.6	91.4	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0
82.7	86.1	87.3	88.6	90.3	90.4	91.1	91.8	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5
83.5	87.2	88.6	90.0	92.4	92.5	93.2	94.0	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8
84.1	87.8	89.2	90.8	93.1	93.2	94.0	94.8	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7
84.7	88.8	90.3	91.9	94.2	94.5	95.2	96.1	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9
85.7	89.9	91.5	93.1	95.4	95.7	96.4	97.3	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3
86.1	90.4	92.3	93.8	96.2	96.4	97.2	98.0	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1
86.3	90.7	92.5	94.1	96.6	96.8	97.5	98.4	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5
86.6	90.9	92.7	94.3	96.8	97.2	97.9	98.8	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
86.6	90.9	92.7	94.5	96.9	97.3	98.0	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

2

...AL CLIMATOLOGY BRANCH
...AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

COLD LAKE APT CN 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

51.4	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
61.5	62.5	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
61.5	62.6	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
62.2	63.3	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
63.5	64.6	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
67.5	68.6	68.7	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
72.1	73.4	73.5	74.0	74.6	74.6	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
74.5	75.8	76.1	77.1	77.5	77.8	78.5	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
76.1	77.4	77.7	78.6	79.6	80.0	80.7	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
76.8	78.3	78.5	79.5	80.4	80.6	81.9	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5
77.9	79.3	79.6	80.6	81.5	81.9	83.0	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
78.6	80.1	80.3	81.3	82.2	82.6	83.7	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
78.7	80.2	80.4	81.4	82.4	82.7	83.8	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
80.0	81.4	81.6	82.6	83.6	84.1	85.3	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9
80.4	82.1	82.4	83.3	84.4	84.9	86.2	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8
82.2	84.2	84.7	85.6	87.0	87.8	89.3	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1
83.7	85.7	86.2	87.2	88.5	89.5	90.9	91.2	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8
85.4	87.4	87.9	88.9	90.2	91.2	92.9	93.1	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
85.5	87.6	88.0	89.0	90.5	91.4	93.1	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3
86.2	88.5	89.0	90.0	91.5	92.6	94.4	94.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
87.2	89.5	90.0	91.1	93.0	94.1	95.9	96.4	96.6	97.5	97.5	97.6	97.6	97.6	97.6	97.6
88.0	90.5	90.9	92.0	94.0	95.0	96.9	97.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
88.6	91.1	91.5	92.6	94.6	95.7	97.5	97.9	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
88.8	91.2	91.7	92.8	94.7	95.8	97.6	98.2	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
88.8	91.2	91.7	92.8	94.7	95.8	97.6	98.2	98.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8
88.9	91.3	91.8	92.9	94.8	95.9	97.7	98.3	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
88.9	91.3	91.8	92.9	94.8	95.9	97.7	98.3	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
89.0	91.4	91.9	93.0	94.9	96.0	97.8	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
89.0	91.4	91.9	93.0	94.9	96.0	97.8	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
89.0	91.4	91.9	93.0	94.9	96.0	97.8	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
89.0	91.4	91.9	93.0	94.9	96.0	97.8	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
89.0	91.4	91.9	93.0	94.9	96.0	97.8	98.4	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 629

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71120 COLD LAKE APT CN 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

54.5	54.5	54.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
60.8	61.1	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
60.8	61.1	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
60.8	61.1	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
61.5	61.7	61.8	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
63.6	63.9	64.0	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
69.1	69.4	70.0	70.4	71.3	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
71.7	71.9	72.7	73.2	74.3	75.1	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
73.3	73.6	74.6	75.2	76.3	77.1	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
75.6	75.9	77.0	77.7	79.0	79.7	80.4	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
76.4	76.6	78.0	78.7	80.0	80.7	81.4	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1
76.8	77.2	78.3	79.1	80.4	81.1	81.7	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5
77.5	77.8	79.1	79.6	81.1	81.9	82.6	83.1	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4
78.6	79.0	80.4	81.1	82.4	83.1	84.0	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8
79.5	80.0	81.4	82.2	83.5	84.3	85.4	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
81.6	82.6	84.3	85.1	86.8	87.5	88.7	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4
82.6	83.6	85.4	86.4	88.2	88.9	90.1	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8
85.0	86.0	87.8	88.8	90.6	91.3	92.4	93.2	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7
85.3	86.3	88.0	89.0	90.8	91.6	92.7	93.5	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0
86.4	87.4	89.2	90.2	92.2	92.9	94.5	95.5	95.5	95.8	96.0	96.0	96.0	96.0	96.0	96.0
86.9	88.2	89.9	90.9	93.2	94.0	95.5	96.7	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4
87.2	88.4	90.2	91.2	93.6	94.3	95.8	97.1	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
87.5	88.8	90.6	91.6	94.0	94.7	96.2	97.5	97.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
87.9	89.2	90.9	91.9	94.3	95.1	96.6	97.9	97.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
88.2	89.4	91.2	92.2	94.6	95.3	96.9	98.1	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6
88.2	89.4	91.2	92.2	94.6	95.3	97.0	98.2	98.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
88.2	89.4	91.2	92.2	94.6	95.3	97.0	98.2	98.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
88.3	89.5	91.3	92.3	94.7	95.5	97.1	98.4	98.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9
88.3	89.7	91.4	92.4	94.8	95.6	97.2	98.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
88.3	89.7	91.4	92.4	94.8	95.6	97.2	98.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
88.3	89.7	91.4	92.4	94.8	95.6	97.2	98.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
88.3	89.7	91.4	92.4	94.8	95.6	97.2	98.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794

USAF ETAC [illegible] 0-14-5 (OL A) [illegible]

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-62 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1100-2300

55.5	55.9	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
59.8	60.1	60.6	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
59.8	60.1	60.6	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
59.9	60.2	60.7	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
60.2	60.6	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
62.3	62.7	63.3	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
66.3	67.3	68.4	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
69.1	70.4	71.5	72.1	72.9	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
71.1	72.3	73.4	74.0	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
74.0	75.2	76.5	77.2	78.3	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
75.0	76.2	77.4	78.2	79.3	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
75.2	76.5	77.7	78.4	79.5	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
76.1	77.3	78.5	79.3	80.4	80.6	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
77.2	78.4	79.8	80.5	81.6	81.8	82.1	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
78.3	79.6	81.0	81.8	83.2	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
80.0	81.3	82.9	84.0	85.9	86.1	86.6	86.8	86.8	86.8	87.0	87.0	87.1	87.1	87.1	87.1
81.2	82.6	84.4	85.5	87.6	87.9	88.4	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1
83.3	84.9	86.7	87.9	90.1	90.5	91.2	91.7	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3
83.8	85.4	87.2	88.4	90.6	91.0	91.7	92.2	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.8
84.6	86.3	88.2	89.4	91.6	92.0	92.7	93.3	93.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1
86.2	87.9	89.8	91.1	93.3	93.7	94.4	95.0	95.1	95.6	95.7	95.7	95.9	95.9	95.9	95.9
86.7	88.4	90.4	91.7	94.0	94.5	95.2	95.9	96.0	97.2	97.4	97.4	97.6	97.6	97.6	97.6
87.0	88.7	90.6	92.0	94.3	94.8	95.5	96.1	96.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8
87.3	89.0	91.0	92.3	94.6	95.1	95.9	96.5	96.6	97.8	98.0	98.0	98.2	98.2	98.2	98.2
87.4	89.1	91.1	92.6	95.0	95.5	96.2	96.8	97.0	98.4	99.1	99.1	99.3	99.3	99.3	99.3
87.4	89.1	91.1	92.6	95.0	95.6	96.3	97.0	97.1	98.5	99.3	99.3	99.4	99.4	99.4	99.4
87.6	89.3	91.2	92.7	95.1	95.7	96.5	97.1	97.2	98.7	99.4	99.4	99.5	99.5	99.5	99.5
87.6	89.3	91.2	92.8	95.2	95.9	96.6	97.2	97.3	98.8	99.5	99.5	99.9	99.9	99.9	99.9
87.6	89.3	91.2	92.8	95.2	95.9	96.6	97.2	97.3	98.8	99.5	99.5	99.9	99.9	99.9	99.9
87.6	89.3	91.2	92.8	95.2	95.9	96.6	97.2	97.3	98.8	99.5	99.5	99.9	99.9	99.9	99.9
87.6	89.3	91.2	92.8	95.2	96.0	96.7	97.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0
87.6	89.3	91.2	92.8	95.2	96.0	96.7	97.3	97.4	98.9	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

USAFETAC 0-14-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

50.6	51.6	51.8	52.2	52.4	52.4	52.5	52.6	52.6	52.7	52.8	52.8	52.9	52.9	53.0	53.2
56.6	58.0	58.3	58.8	59.2	59.2	59.4	59.4	59.4	59.6	59.7	59.7	59.8	59.8	59.9	60.1
56.7	58.0	58.3	58.8	59.2	59.2	59.4	59.5	59.5	59.6	59.7	59.7	59.8	59.8	59.9	60.1
56.9	58.3	58.6	59.1	59.5	59.5	59.7	59.7	59.7	59.9	60.0	60.0	60.1	60.1	60.2	60.4
57.6	59.0	59.3	59.8	60.3	60.3	60.5	60.5	60.5	60.7	60.7	60.7	60.9	60.9	61.0	61.2
60.0	61.4	61.7	62.2	62.7	62.7	62.9	63.0	63.0	63.1	63.2	63.2	63.3	63.4	63.5	63.7
64.4	66.0	66.6	67.3	67.9	68.0	68.4	68.5	68.5	68.7	68.8	68.8	68.9	68.9	69.1	69.3
66.9	68.7	69.4	70.3	71.0	71.3	71.7	71.8	71.8	72.1	72.2	72.2	72.4	72.4	72.5	72.7
68.9	70.8	71.5	72.5	73.3	73.7	74.1	74.3	74.3	74.6	74.7	74.7	74.8	74.8	75.0	75.2
70.9	72.9	73.7	74.7	75.6	76.0	76.5	76.8	76.8	77.1	77.2	77.2	77.4	77.4	77.5	77.7
71.7	73.8	74.6	75.7	76.6	76.9	77.5	77.7	77.7	78.0	78.2	78.2	78.3	78.3	78.5	78.6
72.4	74.5	75.4	76.4	77.3	77.7	78.3	78.5	78.5	78.8	79.0	79.0	79.1	79.1	79.3	79.4
73.1	75.2	76.1	77.1	78.1	78.4	79.0	79.3	79.3	79.6	79.7	79.7	79.9	79.9	80.0	80.2
74.2	76.5	77.4	78.5	79.4	79.8	80.5	80.7	80.8	81.1	81.2	81.2	81.4	81.4	81.5	81.7
74.9	77.4	78.4	79.4	80.5	80.9	81.6	81.9	81.9	82.3	82.4	82.4	82.6	82.6	82.7	82.9
76.6	79.4	80.6	81.6	83.2	83.7	84.5	84.8	84.8	85.2	85.3	85.3	85.5	85.5	85.6	85.8
78.0	80.8	82.2	83.4	84.9	85.4	86.3	86.6	86.6	87.0	87.2	87.2	87.3	87.3	87.5	87.6
80.0	82.9	84.3	85.6	87.1	87.7	88.7	89.1	89.1	89.7	89.8	89.8	90.0	90.0	90.1	90.3
80.4	83.3	84.7	86.1	87.5	88.1	89.2	89.6	89.6	90.2	90.3	90.3	90.5	90.5	90.6	90.8
81.4	84.5	85.9	87.4	89.0	89.6	90.9	91.4	91.4	92.0	92.1	92.1	92.3	92.3	92.4	92.6
82.5	85.7	87.1	88.7	90.4	91.0	92.3	93.0	93.1	93.7	93.9	93.9	94.0	94.0	94.2	94.3
83.1	86.3	87.9	89.5	91.2	91.9	93.2	93.9	94.0	95.2	95.4	95.4	95.5	95.5	95.7	95.8
83.7	86.9	88.4	90.1	91.9	92.5	93.8	94.6	94.7	95.8	96.0	96.0	96.2	96.2	96.3	96.5
84.1	87.4	89.0	90.6	92.5	93.1	94.4	95.2	95.3	96.5	96.8	96.8	97.0	97.0	97.1	97.3
84.4	87.8	89.4	91.1	93.0	93.6	95.0	95.7	95.8	97.0	97.7	97.7	97.9	97.9	98.0	98.2
84.7	88.1	89.7	91.4	93.3	94.0	95.3	96.1	96.2	97.4	98.1	98.1	98.3	98.3	98.4	98.6
84.8	88.2	89.8	91.6	93.5	94.2	95.5	96.3	96.4	97.6	98.3	98.3	98.5	98.5	98.7	98.8
85.0	88.4	90.0	91.8	93.7	94.4	95.8	96.6	96.6	97.9	98.5	98.6	98.9	98.9	99.1	99.3
85.0	88.5	90.1	91.9	93.9	94.6	95.9	96.7	96.8	98.0	98.7	98.7	99.1	99.1	99.3	99.5
85.1	88.6	90.2	92.0	94.0	94.7	96.1	96.9	97.0	98.3	99.0	99.0	99.4	99.4	99.6	99.8
85.1	88.6	90.2	92.0	94.1	94.8	96.1	97.0	97.1	98.4	99.1	99.1	99.5	99.5	99.7	99.9
85.1	88.6	90.2	92.0	94.1	94.8	96.1	97.0	97.1	98.4	99.1	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7-12 D COLD LAKE APT CN 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

53.7	53.8	53.8	54.0	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
58.0	58.9	58.9	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
58.0	58.9	58.9	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
58.1	58.9	58.9	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
58.3	59.2	59.2	59.3	59.5	59.5	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8
61.1	62.0	62.[illegible]	62.1	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
64.9	65.8	65.8	66.3	66.9	66.[illegible]	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
68.7	69.7	69.7	70.2	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
71.2	72.7	73.0	73.6	74.1	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
73.1	74.5	74.8	75.4	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
73.7	75.1	75.5	76.0	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
74.4	75.8	76.1	76.7	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
75.1	76.7	77.0	77.6	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
76.3	77.8	78.1	78.7	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
76.8	78.6	78.9	79.5	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
78.6	80.9	81.7	82.6	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
81.4	82.7	83.5	84.4	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
82.1	84.8	85.6	86.6	87.4	87.4	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
83.1	86.1	87.0	88.3	89.3	89.3	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
84.1	87.5	88.4	89.9	91.1	91.1	91.5	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
84.9	88.4	89.3	91.0	92.2	92.2	92.6	93.5	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
85.8	89.3	90.2	91.9	93.1	93.1	93.5	94.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
86.3	89.7	90.6	92.4	93.9	93.9	94.3	95.3	95.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
86.7	90.3	91.2	93.1	94.5	94.5	95.0	96.0	96.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
87.0	90.5	91.5	93.4	94.9	94.9	95.3	96.3	96.4	97.9	98.4	98.4	98.4	98.4	98.4	98.4
87.4	91.0	92.0	93.9	95.3	95.3	95.8	96.8	96.9	98.3	98.9	99.0	99.0	99.0	99.0	99.0
87.6	91.2	92.2	94.1	95.5	95.5	96.0	97.0	97.1	98.6	99.1	99.2	99.2	99.2	99.2	99.2
87.7	91.4	92.4	94.3	95.8	95.8	96.2	97.2	97.3	98.8	99.3	99.4	99.6	99.6	99.6	99.6
87.7	91.4	92.5	94.4	95.9	95.9	96.3	97.3	97.4	98.9	99.4	99.6	99.7	99.7	99.7	99.7
87.8	91.5	92.6	94.5	96.0	96.0	96.4	97.4	97.5	99.0	99.6	99.7	99.8	99.8	99.8	99.8
87.8	91.5	92.6	94.5	96.0	96.0	96.4	97.4	97.5	99.0	99.8	99.9	100.0	100.0	100.0	100.0
87.8	91.5	92.6	94.5	96.0	96.0	96.4	97.4	97.5	99.0	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

USAFETAC [illegible] 0-14-5 [illegible]

NATIONAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

122.0 COLD LAKE APT CN 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

51.7	52.3	52.6	52.6	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.4	53.7	53.9	
54.8	55.4	55.6	55.6	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.5	56.7	56.9	
54.8	55.4	55.6	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.5	56.7	56.9	
54.8	55.4	55.6	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.5	56.7	56.9	
55.3	56.0	56.2	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.9	57.0	57.3	57.5	
57.9	58.7	58.9	59.1	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.8	60.0	60.2	
61.7	62.8	63.1	63.6	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.3	64.4	64.6	64.8	
64.6	65.9	66.1	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.4	67.7	67.9	
68.1	69.4	69.6	70.5	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.3	71.5	71.7	
69.7	71.0	71.3	72.2	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.9	73.0	73.2	73.4	
70.2	71.5	71.7	72.8	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.6	73.8	74.0	
70.9	72.3	72.6	73.8	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.6	74.9	75.1	
71.9	73.4	73.7	75.1	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.1	76.3	76.5	
72.9	74.6	74.9	76.4	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.7	77.9	78.1	
73.1	74.9	75.2	76.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.3	78.5	78.7	
74.6	76.9	77.3	78.8	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.7	80.9	81.1	
76.3	78.7	79.5	81.0	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.8	83.0	83.2	83.4	
78.1	80.8	81.6	83.4	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.5	85.7	85.9	
78.7	81.3	82.2	83.9	85.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.3	86.5	86.8	
80.3	83.0	83.8	85.7	87.4	87.7	88.4	88.5	88.5	88.5	88.5	88.5	88.7	88.9	89.1	89.3	
81.7	84.5	85.4	87.2	89.1	89.3	90.2	90.6	90.6	90.6	90.6	90.6	90.8	90.9	91.1	91.4	
82.2	85.2	86.1	88.0	89.8	90.1	91.0	91.5	91.5	92.2	92.2	92.2	92.5	92.6	92.8	93.0	
82.5	85.6	86.4	88.4	90.3	90.5	91.5	92.0	92.0	93.0	93.0	93.0	93.2	93.3	93.6	93.8	
82.8	86.0	86.9	88.9	90.7	90.9	91.9	92.5	92.5	93.4	93.4	93.4	93.7	93.8	94.0	94.2	
83.3	86.7	87.7	89.7	91.6	91.8	92.8	93.3	93.3	94.3	94.8	94.8	95.0	95.1	95.3	95.5	
83.8	87.5	88.5	90.7	92.6	92.8	93.8	94.3	94.3	95.3	95.7	95.8	96.1	96.2	96.4	96.6	
84.4	88.1	89.1	91.3	93.1	93.3	94.3	94.9	94.9	95.8	96.3	96.4	96.6	96.7	96.9	97.2	
84.4	88.5	89.5	91.7	93.6	93.8	94.8	95.3	95.3	96.3	96.7	96.8	97.4	97.5	97.7	97.9	
84.6	89.1	90.1	92.2	94.1	94.4	95.4	96.0	96.0	96.9	97.4	97.5	98.0	98.1	98.4	98.6	
84.7	89.2	90.2	92.5	94.4	94.9	96.2	96.7	96.7	97.7	98.1	98.3	98.8	99.0	99.2	99.5	
84.7	89.2	90.2	92.5	94.4	95.0	96.3	96.8	96.8	97.8	98.3	98.4	99.0	99.2	99.6	99.8	
84.7	89.2	90.2	92.5	94.4	95.0	96.3	96.8	96.8	97.8	98.3	98.4	99.0	99.2	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 915

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 COLD LAKE APT CN 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

48.3	49.0	49.4	49.5	49.8	49.8	50.1	50.1	50.2	50.3	50.3	50.3	50.7	50.7	50.8	51.4	
52.9	54.0	54.3	54.4	54.8	54.8	55.0	55.0	55.1	55.2	55.2	55.2	55.7	55.7	55.8	56.5	
52.9	54.0	54.3	54.4	54.8	54.8	55.0	55.0	55.1	55.2	55.2	55.2	55.7	55.7	55.8	56.5	
52.9	54.0	54.3	54.4	54.8	54.8	55.0	55.0	55.1	55.2	55.2	55.2	55.7	55.7	55.8	56.5	
53.5	54.7	55.0	55.1	55.4	55.4	55.7	55.7	55.8	55.9	55.9	55.9	56.3	56.3	56.5	57.1	
56.6	57.7	58.0	58.1	58.5	58.5	58.7	58.7	58.8	58.9	59.0	59.0	59.5	59.5	59.6	60.3	
62.3	63.9	64.3	64.4	64.9	65.0	65.2	65.3	65.4	65.5	65.7	65.7	66.1	66.1	66.2	66.9	
64.5	66.2	66.7	66.8	67.3	67.5	67.7	67.8	67.9	68.1	68.2	68.2	68.8	68.8	68.9	69.6	
67.7	69.4	69.8	70.0	70.6	70.7	70.9	71.0	71.2	71.4	71.5	71.5	72.1	72.1	72.2	72.8	
69.5	71.3	71.8	72.1	72.8	73.0	73.2	73.3	73.4	73.6	73.7	73.7	74.3	74.3	74.4	75.1	
69.9	71.7	72.3	72.5	73.3	73.4	73.6	73.7	73.8	74.1	74.2	74.2	74.7	74.7	74.9	75.5	
71.2	73.1	73.6	73.8	74.6	74.7	75.0	75.1	75.2	75.4	75.5	75.5	76.1	76.1	76.2	76.9	
71.4	73.5	74.1	74.4	75.2	75.3	75.5	75.6	75.8	76.0	76.1	76.1	76.7	76.7	76.8	77.4	
71.7	73.8	74.4	74.9	75.6	75.8	76.2	76.3	76.4	76.7	76.9	76.9	77.4	77.4	77.6	78.2	
72.3	74.4	75.0	75.4	76.2	76.5	77.0	77.1	77.2	77.4	77.7	77.7	78.2	78.2	78.3	79.0	
73.2	75.9	76.8	77.2	78.1	78.8	79.2	79.3	79.5	79.7	79.9	79.9	80.5	80.5	80.6	81.3	
75.1	77.6	78.8	79.2	80.1	80.8	81.3	81.4	81.5	81.7	81.9	81.9	82.5	82.5	82.6	83.4	
76.7	79.6	80.6	81.0	82.2	82.9	83.4	83.6	83.7	84.2	84.5	84.5	85.1	85.1	85.2	86.0	
76.9	79.8	80.6	81.4	82.5	83.4	83.8	84.1	84.2	84.6	85.0	85.0	85.5	85.5	85.6	86.4	
79.3	82.6	83.6	84.2	85.3	86.2	87.1	87.4	87.5	88.0	88.3	88.3	88.9	88.9	89.0	89.8	
80.2	83.6	84.6	85.3	86.4	87.3	88.3	89.5	89.7	90.1	90.5	90.5	91.0	91.0	91.1	91.9	
81.0	84.5	85.6	86.4	87.9	88.8	89.9	91.2	91.5	92.7	93.0	93.0	93.6	93.6	93.7	94.5	
81.4	84.8	86.0	87.0	88.4	89.5	90.6	91.9	92.1	93.4	93.7	93.7	94.3	94.3	94.5	95.3	
81.5	85.0	86.1	87.1	88.6	89.7	90.8	92.1	92.4	93.6	93.9	93.9	94.5	94.5	94.7	95.5	
81.9	85.6	86.8	87.9	89.3	90.5	91.6	92.9	93.2	94.4	94.9	94.9	95.5	95.5	95.7	96.5	
82.5	86.2	87.3	88.4	89.9	91.0	92.1	93.5	93.7	94.9	95.6	95.6	96.2	96.2	96.4	97.2	
82.5	86.4	87.5	88.7	90.1	91.2	92.4	93.7	93.9	95.2	95.8	95.8	96.4	96.4	96.6	97.4	
82.5	86.4	87.8	89.0	90.5	91.6	92.7	94.1	94.3	95.5	96.2	96.2	96.9	96.9	97.1	97.9	
82.5	86.5	87.9	89.2	90.9	92.0	93.2	94.6	94.8	96.1	97.1	97.1	97.8	97.8	98.0	98.8	
82.5	86.5	87.9	89.2	91.0	92.3	93.4	94.8	95.1	96.4	97.4	97.5	98.2	98.2	98.4	99.2	
82.5	86.5	87.9	89.2	91.1	92.4	93.5	95.1	95.3	96.7	98.1	98.2	98.9	98.9	99.1	99.9	
82.5	86.5	87.9	89.2	91.1	92.4	93.5	95.1	95.3	96.7	98.1	98.2	98.9	98.9	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 0 COLD LAKE APT CN 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

49.4	49.9	5 .7	5[illegible].8	51.[illegible]	51.[illegible]	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.3	51.3	51.5
59.5	60.0	6[illegible].9	61.0	61.5	61.6	61.9	62.1	62.1	62.1	62.1	62.1	62.2	62.3	62.3	62.4
59.6	60.2	61.0	61.2	61.6	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.4	62.4	62.5
59.7	60.3	61.2	61.3	61.7	61.8	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.5	62.5	62.6
6[illegible].8	61.4	62.3	62.4	62.8	62.9	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.6	63.6	63.7
62.9	63.5	64.4	64.5	65.1	65.2	65.5	65.6	65.6	65.6	65.7	65.7	65.8	66.0	66.0	66.1
67.5	68.2	69.1	69.4	70.1	70.2	70.6	70.8	70.9	70.9	71.0	71.0	71.1	71.2	71.2	71.3
69.5	70.3	71.3	71.7	72.4	72.7	73.1	73.2	73.3	73.3	73.4	73.4	73.5	73.7	73.7	73.8
72.3	73.3	74.3	74.7	75.4	75.7	76.2	76.3	76.6	76.6	76.8	76.8	76.9	77.0	77.0	77.1
73.2	74.3	75.3	75.7	76.5	76.8	77.5	77.6	77.8	77.8	78.0	78.0	78.1	78.2	78.2	78.3
73.5	74.7	75.7	76.0	76.8	77.1	77.8	77.9	78.1	78.1	78.3	78.3	78.5	78.6	78.6	78.7
74.6	75.7	76.7	77.0	77.8	78.1	78.8	78.9	79.1	79.1	79.4	79.4	79.5	79.6	79.6	79.7
74.9	76.1	77.1	77.7	78.7	79.0	79.7	79.8	80.0	80.0	80.2	80.2	80.4	80.5	80.5	80.6
75.7	77.0	78.0	78.7	79.7	80.1	80.9	81.0	81.3	81.3	81.5	81.5	81.6	81.7	81.7	81.8
76.0	77.3	78.3	79.0	80.0	80.5	81.4	81.5	81.7	81.7	81.9	81.9	82.0	82.1	82.1	82.3
77.6	79.2	80.4	81.3	82.3	82.8	83.8	83.9	84.2	84.2	84.4	84.4	84.5	84.6	84.6	84.7
79.1	80.8	82.0	83.0	84.0	84.7	85.8	85.9	86.3	86.3	86.5	86.5	86.6	86.7	86.7	86.8
81.1	83.0	84.3	85.3	86.3	86.9	88.3	88.4	88.7	88.7	89.0	89.0	89.1	89.2	89.2	89.3
81.6	83.6	84.9	85.9	87.2	87.8	89.2	89.3	89.6	89.6	89.8	89.8	90.0	90.1	90.1	90.2
82.8	84.9	86.3	87.4	88.7	89.4	91.0	91.2	91.5	91.6	92.0	92.0	92.2	92.3	92.3	92.4
83.3	85.9	87.3	88.4	89.7	90.4	92.0	92.6	93.2	93.3	93.6	93.6	93.9	94.0	94.0	94.1
84.7	86.9	88.3	89.4	90.7	91.4	93.0	93.6	94.2	94.9	95.2	95.2	95.4	95.5	95.5	95.6
84.9	87.3	88.6	89.7	91.1	91.7	93.3	94.1	94.6	95.3	95.6	95.6	95.9	96.0	96.0	96.1
85.3	87.6	89.0	90.1	91.4	92.1	93.9	94.6	95.2	95.9	96.5	96.5	96.8	96.9	96.9	97.0
85.4	87.9	89.3	90.4	91.7	92.4	94.2	95.0	95.5	96.2	97.2	97.2	97.4	97.5	97.5	97.7
85.7	88.5	89.8	91.0	92.3	93.0	94.8	95.5	96.1	96.9	97.8	97.9	98.1	98.2	98.2	98.3
85.7	88.5	90.0	91.1	92.5	93.3	95.1	95.9	96.4	97.1	98.1	98.2	98.4	98.5	98.5	98.7
85.7	88.6	90.1	91.2	92.7	93.5	95.3	96.1	96.7	97.3	98.4	98.5	98.9	99.0	99.0	99.1
85.7	88.6	90.1	91.2	92.7	93.8	95.5	96.3	96.9	97.7	98.8	98.9	99.2	99.3	99.3	99.4
85.7	88.6	90.1	91.2	92.7	93.8	95.5	96.3	96.9	97.7	98.9	99.3	99.8	99.9	99.9	100.0
85.7	88.6	90.1	91.2	92.7	93.8	95.5	96.3	96.9	97.7	98.9	99.3	99.8	99.9	99.9	100.0
85.7	88.6	90.1	91.2	92.7	93.8	95.5	96.3	96.9	97.7	98.9	99.3	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 896

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

712[illegible]0 COLD LAKE APT CN 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

51.5	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
64.3	64.9	65.3	65.3	65.4	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
64.3	64.9	65.3	65.3	65.4	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
64.4	65.0	65.4	65.4	65.6	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
65.0	65.6	66.0	66.0	66.1	66.1	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
67.0	68.6	69.1	69.5	69.6	69.6	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
71.5	72.4	72.9	73.2	73.4	73.4	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
73.1	74.2	74.9	75.3	75.4	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
74.6	75.9	76.6	76.9	77.0	77.3	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
76.1	77.3	77.9	78.3	78.4	78.6	79.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
76.4	77.5	78.1	78.5	78.6	78.8	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
77.4	78.5	79.2	79.5	79.6	79.8	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
79.0	79.2	79.8	80.2	80.3	80.5	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
79.1	80.2	80.8	81.2	81.3	81.5	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
79.5	80.7	81.4	81.7	81.8	82.1	82.6	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
81.5	83.1	83.8	84.2	84.4	84.6	85.2	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
84.3	85.8	86.7	87.3	87.6	87.8	88.4	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
86.8	88.9	89.7	90.6	91.2	91.4	92.1	92.6	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0
87.3	89.3	90.2	91.1	91.6	91.9	92.5	93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4
88.3	90.3	91.2	92.1	92.6	92.9	93.6	94.3	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9
88.9	90.9	91.9	92.9	93.4	93.6	94.4	95.4	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1
90.4	92.4	93.4	94.4	95.0	95.2	96.0	97.0	97.2	98.1	98.1	98.2	98.2	98.2	98.2	98.2
90.4	92.4	93.4	94.4	95.0	95.2	96.0	97.0	97.2	98.1	98.1	98.2	98.2	98.2	98.2	98.2
90.4	92.4	93.4	94.4	95.0	95.2	96.0	97.0	97.2	98.1	98.2	98.3	98.3	98.3	98.3	98.3
90.4	92.5	93.6	94.6	95.2	95.4	96.2	97.2	97.4	98.4	99.0	99.2	99.2	99.2	99.2	99.2
90.4	92.5	93.6	94.6	95.3	95.5	96.3	97.3	97.5	98.5	99.1	99.3	99.3	99.3	99.3	99.3
90.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.2	99.4	99.6	99.6	99.5	99.6
90.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.2	99.4	99.9	99.9	99.9	99.9
90.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0
90.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0
90.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0
90.4	92.5	93.6	94.6	95.4	95.7	96.4	97.4	97.7	98.7	99.3	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

712 0 COLD LAKE APT ON 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
59.5	59.7	59.7	59.7	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
59.5	59.7	59.7	59.7	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
59.5	59.7	59.7	59.7	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
60.7	61.0	61.1	61.1	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
64.6	65.0	65.2	65.4	65.9	65.9	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
69.8	70.0	70.1	70.4	71.0	71.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
71.7	71.9	72.1	72.5	73.2	73.2	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
73.5	73.9	74.1	74.9	75.7	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
74.6	75.0	75.2	76.0	76.8	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
75.2	75.7	75.9	76.7	77.4	77.4	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
76.7	77.2	77.4	78.2	79.0	79.0	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
78.4	79.0	79.2	80.0	80.3	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
79.5	80.4	80.5	81.4	82.2	82.2	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
81.5	82.2	82.5	83.3	84.1	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
85.1	86.1	86.5	87.3	88.3	88.3	88.8	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2
86.5	87.6	88.2	88.9	90.0	90.0	90.8	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2
88.3	89.7	90.3	91.0	92.3	92.4	93.4	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8
89.6	90.0	90.5	91.5	91.7	92.8	93.8	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2
89.7	91.3	91.6	92.7	93.9	94.0	95.2	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2
90.2	91.9	92.5	93.4	94.6	94.7	95.9	96.8	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5
90.5	92.4	93.0	93.9	95.2	95.4	96.6	97.5	97.7	98.6	98.7	98.8	98.8	98.8	98.8	98.8
90.5	92.4	93.0	93.9	95.2	95.4	96.6	97.5	97.7	98.6	98.7	98.8	98.8	98.8	98.8	98.8
90.6	92.5	93.1	94.0	95.4	95.5	96.7	97.6	97.8	98.7	98.8	98.9	98.9	98.9	98.9	98.9
90.6	92.5	93.1	94.1	95.5	95.6	96.8	97.7	97.9	98.8	99.2	99.3	99.3	99.3	99.3	99.3
90.6	92.5	93.1	94.1	95.5	95.6	96.8	97.7	97.9	98.8	99.2	99.3	99.3	99.3	99.3	99.3
90.6	92.5	93.1	94.1	95.5	95.6	96.9	97.8	98.0	98.9	99.3	99.4	99.4	99.4	99.4	99.4
90.6	92.5	93.1	94.1	95.6	95.7	97.0	97.9	98.1	99.0	99.6	99.7	99.9	99.9	99.9	99.9
90.6	92.5	93.1	94.1	95.6	95.7	97.0	97.9	98.1	99.0	99.6	99.7	99.9	99.9	99.9	99.9
90.6	92.5	93.1	94.1	95.6	95.7	97.0	97.9	98.1	99.0	99.6	99.7	99.9	99.9	99.9	99.9
90.6	92.5	93.1	94.1	95.6	95.7	97.0	97.9	98.1	99.0	99.6	99.7	99.9	99.9	100.0	100.0
90.6	92.5	93.1	94.1	95.6	95.7	97.0	97.9	98.1	99.0	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 974

2

[illegible] CLIMATOLOGY BRANCH
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] MAY

[illegible] OCCURRENCE
[illegible] OBSERVATIONS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49.5	[illegible]	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.7	[illegible]	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.9	[illegible]	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	[illegible]
[illegible]	61.1	61.1	61.5	61.5	[illegible]	62.0	62.0	[illegible]	62.0	62.0	62.0	62.0	[illegible]	[illegible]	[illegible]
65.7	65.9	65.9	66.3	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
[illegible]	[illegible]	72.3	72.9	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
74.4	[illegible]	[illegible]	76.5	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
[illegible]	78.3	[illegible]	79.7	[illegible]	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
[illegible]	79.2	79.2	[illegible]	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
78.6	[illegible]	[illegible]	80.9	81.9	[illegible]	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
[illegible]	[illegible]	81.3	[illegible]	[illegible]	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
[illegible]	[illegible]	[illegible]	[illegible]	84.1	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
[illegible]	[illegible]	83.1	84.1	85.1	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
[illegible]	86.1	86.7	87.7	[illegible]	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
[illegible]	87.5	89.1	89.2	[illegible]	[illegible]	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
[illegible]	89.0	89.5	90.7	92.3	92.7	93.5	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
[illegible]	89.5	[illegible]	91.3	[illegible]	93.4	94.1	94.4	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	[illegible]	[illegible]	92.7	94.5	94.6	95.8	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5
[illegible]	91.2	[illegible]	[illegible]	94.8	95.2	96.2	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1
[illegible]	91.5	92.5	93.5	[illegible]	96.2	97.2	97.7	97.7	98.5	98.6	98.6	98.6	98.6	98.6	98.6
89.6	91.9	92.7	93.9	95.9	96.3	97.3	97.9	97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8
89.6	91.9	92.7	93.9	95.9	96.3	97.3	98.0	[illegible]	98.8	98.9	98.9	98.9	98.9	98.9	98.9
89.6	91.9	92.7	93.9	95.9	96.3	97.3	98.0	[illegible]	98.8	99.0	99.2	99.2	99.2	99.2	99.2
89.6	91.9	92.7	93.9	95.9	96.3	97.3	98.0	[illegible]	[illegible]	99.0	99.2	99.2	99.2	99.2	99.2
89.6	91.9	92.7	93.9	96.1	96.4	97.4	98.1	98.1	98.9	99.1	99.3	99.3	99.3	99.3	99.3
89.6	91.9	92.7	94.0	96.2	96.5	97.5	98.2	98.2	99.0	99.2	99.4	99.5	99.5	99.5	99.5
89.6	91.9	92.7	94.0	96.3	96.6	97.6	98.3	98.3	99.1	99.3	99.5	99.7	99.7	99.7	99.7
89.6	91.9	92.7	94.0	96.3	96.6	97.6	98.3	98.3	99.1	99.3	99.5	99.7	99.7	99.8	99.9
89.6	91.9	92.7	94.0	96.3	96.6	97.6	98.3	98.3	99.1	99.3	99.5	99.7	99.7	99.8	99.9
89.6	91.9	92.7	94.0	96.3	96.6	97.6	98.3	98.3	99.2	99.4	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 858

DEFENSE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

/ 12 / COLD LAKE APT CN 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1100-2300

54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
59.7	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
59.7	59.8	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
59.7	59.8	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
60.2	60.3	60.3	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
64.4	64.5	64.5	64.8	65.1	65.1	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
69.4	69.5	69.6	70.1	70.5	70.5	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
72.6	72.7	72.7	73.3	73.7	73.7	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
74.5	75.2	75.3	76.2	76.9	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
77.2	77.9	78.2	79.1	79.8	79.9	80.1	80.1	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3
77.7	78.5	78.9	79.6	80.4	80.6	80.8	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0
78.5	79.3	79.7	80.6	81.2	81.3	81.6	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8
79.1	79.9	80.3	81.2	81.9	82.0	82.2	82.2	82.2	82.2	82.3	82.5	82.5	82.5	82.5	82.5
80.3	81.6	82.0	82.9	83.8	83.9	84.1	84.1	84.1	84.1	84.2	84.4	84.4	84.4	84.4	84.4
82.3	83.1	83.6	84.5	85.4	85.5	85.7	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9
84.6	85.6	86.0	87.2	88.3	88.4	88.7	88.7	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9
85.6	86.7	87.2	88.4	89.5	89.6	90.3	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5
87.3	88.5	89.2	90.4	91.8	92.1	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2
87.7	88.9	89.7	90.9	92.4	92.6	93.5	93.6	93.6	93.6	93.7	93.9	93.9	93.9	93.9	93.9
88.0	89.5	90.3	91.5	93.1	93.3	94.5	94.7	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0
88.9	90.4	91.2	92.4	94.0	94.2	95.5	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4
89.3	90.8	91.6	92.8	94.4	94.6	96.0	96.6	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2
89.4	91.1	91.9	93.1	94.6	94.9	96.3	97.0	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5
89.7	91.5	92.3	93.6	95.2	95.4	96.9	97.5	97.5	97.9	98.0	98.1	98.1	98.1	98.1	98.1
89.9	91.6	92.4	93.7	95.3	95.5	97.0	97.7	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3
90.1	91.8	92.6	94.0	95.6	95.9	97.3	98.0	98.0	98.3	98.6	98.7	98.7	98.7	98.7	98.7
90.4	92.2	93.0	94.3	96.0	96.2	97.7	98.3	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1
90.4	92.2	93.0	94.3	96.0	96.2	97.8	98.4	98.4	98.9	99.1	99.2	99.6	99.6	99.6	99.6
90.4	92.2	93.0	94.3	96.0	96.2	97.8	98.4	98.4	98.9	99.1	99.2	99.6	99.6	99.7	99.7
90.4	92.2	93.1	94.4	96.1	96.3	97.9	98.5	98.5	99.0	99.2	99.3	99.7	99.7	99.8	99.8
90.4	92.2	93.1	94.4	96.1	96.3	97.9	98.5	98.5	99.1	99.3	99.4	99.8	99.8	100.0	100.0
90.4	92.2	93.1	94.4	96.1	96.3	97.9	98.5	98.5	99.1	99.3	99.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 695

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 0 COLD LAKE APT CN 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

50.7	51.1	51.2	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.8	51.9
58.6	59.1	59.3	59.4	59.7	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.3
58.6	59.1	59.3	59.5	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.2	60.3
58.6	59.1	59.4	59.5	59.8	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.2	60.4
59.4	59.9	60.1	60.3	60.5	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.0	61.1
62.6	63.2	63.5	63.7	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.6	64.6	64.7
67.1	67.8	68.1	68.5	69.0	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.6	69.6	69.7
69.6	70.4	70.7	71.1	71.7	71.7	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.5
72.1	73.2	73.5	74.1	74.7	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.4	75.5	75.5	75.6
73.9	75.0	75.4	76.0	76.7	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.5	77.5	77.6
74.3	75.5	75.9	76.5	77.2	77.3	77.5	77.7	77.7	77.8	77.8	77.8	77.9	78.0	78.0	78.1
75.3	76.5	76.9	77.5	78.2	78.3	78.6	78.7	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.2
76.1	77.4	77.8	78.5	79.2	79.3	79.6	79.7	79.8	79.8	79.9	79.9	80.0	80.0	80.1	80.2
77.1	78.4	78.9	79.6	80.4	80.5	80.9	81.0	81.0	81.1	81.2	81.2	81.3	81.3	81.4	81.5
77.9	79.3	79.7	80.5	81.3	81.5	81.9	82.0	82.0	82.1	82.2	82.2	82.3	82.3	82.4	82.5
80.0	81.7	82.4	83.3	84.2	84.4	84.9	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.4	85.5
81.6	83.4	84.2	85.2	86.1	86.4	87.0	87.1	87.2	87.3	87.3	87.4	87.5	87.5	87.5	87.7
83.4	85.5	86.3	87.4	88.5	88.8	89.5	89.7	89.8	89.9	90.0	90.0	90.2	90.2	90.2	90.4
83.9	86.1	86.9	88.0	89.3	89.6	90.3	90.5	90.6	90.7	90.8	90.9	91.0	91.0	91.0	91.2
85.2	87.5	88.4	89.5	90.8	91.2	92.1	92.5	92.6	92.7	92.9	92.9	93.0	93.1	93.1	93.2
86.0	88.3	89.2	90.4	91.8	92.1	93.1	93.9	94.1	94.3	94.4	94.4	94.6	94.6	94.6	94.8
86.7	89.2	90.1	91.3	92.7	93.1	94.1	94.9	95.1	95.0	96.1	96.1	96.3	96.3	96.3	96.5
86.9	89.4	90.3	91.6	93.1	93.4	94.5	95.3	95.5	96.4	96.5	96.5	96.7	96.7	96.8	96.9
87.1	89.6	90.6	91.9	93.3	93.7	94.8	95.7	95.8	96.7	96.9	97.0	97.1	97.1	97.2	97.3
87.2	89.9	90.9	92.2	93.7	94.0	95.1	96.0	96.2	97.1	97.6	97.7	97.8	97.8	97.9	98.0
87.5	90.2	91.2	92.6	94.1	94.4	95.5	96.4	96.5	97.5	98.0	98.1	98.2	98.3	98.3	98.5
87.7	90.4	91.4	92.8	94.3	94.7	95.8	96.6	96.8	97.7	98.2	98.4	98.5	98.5	98.6	98.7
87.7	90.5	91.5	92.9	94.5	94.8	96.0	96.8	97.0	97.9	98.5	98.6	98.9	99.0	99.0	99.2
87.7	90.6	91.6	93.0	94.6	95.0	96.2	97.0	97.2	98.1	98.7	98.9	99.2	99.2	99.3	99.5
87.7	90.6	91.7	93.1	94.7	95.1	96.3	97.2	97.4	98.3	98.9	99.1	99.5	99.5	99.6	99.7
87.7	90.6	91.7	93.1	94.7	95.2	96.3	97.2	97.4	98.4	99.1	99.2	99.6	99.7	99.8	99.9
87.7	90.6	91.7	93.1	94.7	95.2	96.3	97.2	97.4	98.4	99.1	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7183

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 2 COLD LAKE APT CN 73-82 APR 0000-2200

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

58.5	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.4	59.4
62.7	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.1
62.7	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.1
62.7	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.1
63.8	64.5	64.5	64.8	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.3	65.3
67.0	67.7	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4
70.9	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.5	71.5
71.8	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.4	73.4
74.6	75.5	75.5	75.7	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.2
77.3	78.2	78.2	78.6	78.6	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	79.0	79.0
77.9	78.8	78.9	79.2	79.2	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.6	79.6
79.4	80.3	80.4	80.7	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.2	81.2
79.9	80.9	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7
82.7	83.3	83.4	83.6	83.7	83.7	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.2	84.2
83.2	84.6	84.7	84.9	85.0	85.0	85.3	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.9	85.9
85.3	87.0	87.4	87.6	87.8	87.8	88.0	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.7	88.7
86.7	88.6	88.9	89.2	89.4	89.4	89.6	89.6	89.6	89.9	90.0	90.0	90.0	90.0	90.3	90.3
88.1	90.6	91.0	91.3	92.0	92.0	92.2	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.9	92.9
88.5	90.9	91.4	91.6	92.3	92.3	92.6	92.6	92.6	92.8	92.9	92.9	92.9	92.9	93.3	93.3
88.8	91.3	91.8	92.1	92.9	92.9	93.4	93.4	93.4	93.6	93.8	93.8	93.8	93.8	94.1	94.1
89.6	92.1	92.6	92.9	93.8	93.8	94.3	94.7	94.7	94.9	95.1	95.1	95.1	95.1	95.4	95.4
89.9	92.3	92.9	93.3	94.1	94.1	94.8	95.3	95.3	96.1	96.3	96.3	96.3	96.3	96.7	96.7
89.9	92.3	92.9	93.3	94.1	94.1	94.8	95.3	95.3	96.1	96.3	96.3	96.3	96.3	96.7	96.7
90.3	92.3	93.5	94.1	94.9	94.9	95.6	96.1	96.1	96.9	97.2	97.2	97.2	97.2	97.5	97.5
90.3	92.8	93.5	94.1	94.9	94.9	95.6	96.1	96.1	96.9	97.5	97.5	97.5	97.5	97.9	97.9
90.5	92.9	93.6	94.3	95.2	95.2	95.9	96.3	96.3	97.2	97.8	97.8	97.8	97.8	98.1	98.1
90.6	93.2	93.9	94.6	95.6	95.6	96.3	96.8	96.8	97.6	98.2	98.2	98.2	98.2	98.6	98.6
90.6	93.2	94.0	94.7	95.9	95.9	96.6	97.1	97.1	97.9	98.5	98.5	98.5	98.5	98.8	98.8
90.6	93.2	94.0	94.7	95.9	95.9	96.6	97.1	97.1	97.9	98.7	98.7	98.7	98.7	99.1	99.1
90.6	93.3	94.1	94.8	96.0	96.0	96.7	97.2	97.2	98.0	98.8	99.2	99.2	99.2	99.5	99.5
90.6	93.3	94.1	94.8	96.0	96.0	96.7	97.2	97.2	98.0	99.1	99.4	99.5	99.5	100.0	100.0
90.6	93.3	94.1	94.8	96.0	96.0	96.7	97.2	97.2	98.0	99.1	99.4	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

CLIMATOLOGY BRANCH
AF TAC
WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 COLD LAKE APT CN 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

50.8	51.6	51.7	51.7	51.7	51.7	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.4
55.4	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.2
55.4	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.2
55.4	56.2	56.3	56.3	56.5	56.5	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.2
56.3	57.2	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	58.1
59.6	60.4	60.5	60.5	60.7	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.5
65.5	66.4	66.5	66.5	66.7	66.7	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.5
67.9	68.7	68.8	68.8	69.0	69.0	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.8
69.5	70.3	70.4	70.4	70.7	70.7	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.5
71.5	72.3	72.4	72.4	72.6	72.6	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.5
72.5	73.6	73.7	73.7	73.9	73.9	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.7
74.0	75.1	75.3	75.4	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.5
75.0	76.1	76.4	76.5	76.7	76.7	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.5
77.1	78.2	78.5	78.6	78.8	78.8	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.6
77.9	79.2	79.4	79.5	79.7	79.7	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.6
80.4	82.1	82.3	82.7	82.9	83.0	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.9
82.1	83.8	84.2	84.6	84.9	85.2	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.3
84.6	86.7	87.2	87.9	88.5	88.8	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.9
84.9	87.2	87.7	88.4	89.1	89.4	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.5
85.7	88.2	88.7	89.4	90.2	90.6	90.9	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.6
86.3	89.8	90.2	90.9	91.7	92.1	92.5	92.9	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.7
87.4	90.8	91.4	92.1	92.9	93.2	93.7	94.2	94.3	94.8	94.9	94.9	94.9	94.9	94.9	95.2
87.7	91.0	91.6	92.3	93.2	93.6	94.1	94.5	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.6
88.0	91.4	92.1	92.8	93.7	94.1	94.5	95.0	95.1	95.6	95.7	95.7	95.7	95.7	95.7	96.0
88.1	91.6	92.3	93.0	93.9	94.3	94.8	95.2	95.3	95.8	96.3	96.3	96.3	96.3	96.3	96.6
88.2	91.7	92.4	93.1	94.1	94.4	94.9	95.3	95.5	95.9	96.4	96.4	96.4	96.4	96.4	96.7
88.2	91.9	92.5	93.2	94.2	94.5	95.0	95.5	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.9
88.4	92.0	92.7	93.4	94.3	94.6	95.1	95.6	95.7	96.3	96.7	96.7	97.0	97.0	97.0	97.3
88.5	92.1	92.8	93.5	94.5	94.9	95.3	95.8	95.9	96.5	97.0	97.1	97.3	97.3	97.3	97.7
88.7	92.3	93.1	93.8	94.9	95.2	95.7	96.2	96.3	96.9	97.3	97.7	97.9	97.9	97.9	98.3
88.8	92.4	93.2	93.9	95.1	95.5	95.9	96.4	96.5	97.1	97.7	98.0	98.4	98.4	99.0	99.5
88.8	92.4	93.2	93.9	95.1	95.5	95.9	96.4	96.5	97.1	97.8	98.1	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12-0 COLD LAKE APT CN 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

45.6	46.1	46.4	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.1
55.3	55.9	56.3	56.5	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.2
55.5	56.0	56.4	56.6	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.3
55.7	56.3	56.6	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.6
56.2	56.7	57.1	57.3	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	58.0
59.2	59.8	60.1	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	61.0	61.0	61.0	61.1
64.5	65.3	65.8	66.0	66.2	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.9
67.6	68.8	69.3	69.6	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.5	70.5	70.5	70.6
70.0	71.3	71.9	72.3	72.6	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.5
72.0	73.4	74.0	74.4	74.7	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.6
72.9	74.3	74.9	75.4	75.6	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.6
74.3	75.8	76.4	76.9	77.1	77.4	77.6	77.7	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.1
75.1	76.7	77.3	77.7	78.0	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.8	78.8	78.8	78.9
76.3	77.8	78.4	78.9	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.1
77.3	78.9	79.5	80.0	80.4	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.4
79.4	81.2	81.9	82.4	83.1	83.5	83.8	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.3
80.5	82.4	83.1	83.6	84.5	84.9	85.2	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.8
83.0	85.3	86.0	86.8	87.9	88.3	88.6	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.2
83.0	85.3	86.0	86.6	87.9	88.3	88.6	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.2
84.1	86.5	87.2	88.2	89.4	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.7
84.8	87.3	88.2	89.2	90.5	91.0	91.3	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	92.0
85.5	88.3	89.1	90.2	91.6	92.0	92.4	92.7	92.7	93.1	93.3	93.3	93.6	93.6	93.6	93.7
85.7	88.5	89.3	90.4	91.8	92.3	92.6	93.0	93.0	93.3	93.6	93.6	93.8	93.8	93.8	93.9
86.4	89.2	90.0	91.1	92.5	93.1	93.4	93.8	93.9	94.3	94.5	94.5	94.7	94.7	94.7	94.8
86.8	90.0	91.0	92.0	93.4	94.0	94.4	94.7	94.8	95.2	95.8	95.8	96.0	96.0	96.0	96.1
87.1	90.4	91.3	92.4	93.9	94.5	94.8	95.2	95.3	95.7	96.2	96.2	96.5	96.5	96.5	96.6
87.7	91.1	92.0	93.1	94.6	95.2	95.5	96.0	96.1	96.5	97.2	97.2	97.4	97.4	97.4	97.5
87.7	91.3	92.3	93.4	95.0	95.5	95.9	96.4	96.5	96.8	97.5	97.5	98.0	98.0	98.0	98.1
87.7	91.3	92.3	93.6	95.3	95.9	96.2	96.7	96.8	97.2	98.0	98.1	98.6	98.6	98.7	98.8
87.7	91.3	92.3	93.6	95.3	95.9	96.2	96.8	97.0	97.3	98.1	98.2	98.8	98.8	99.3	99.4
87.7	91.3	92.3	93.6	95.3	95.9	96.2	96.8	97.0	97.3	98.1	98.2	98.9	98.9	99.4	99.6
87.7	91.3	92.3	93.6	95.3	95.9	96.2	96.8	97.0	97.3	98.1	98.2	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 853

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71120 COLD LAKE APT CN 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

48.9	49.1	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
60.4	60.7	61.0	61.3	61.3	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
60.4	60.7	61.0	61.3	61.3	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
60.4	60.7	61.0	61.3	61.3	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
61.2	61.5	61.8	62.1	62.1	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.5	63.2	63.4	63.8	63.8	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
65.7	66.4	66.6	67.1	67.4	67.5	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
67.5	68.0	68.2	68.7	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
69.6	70.1	70.5	70.9	71.3	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
71.2	71.6	72.0	72.5	72.8	72.9	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
71.9	72.3	72.7	73.2	73.5	73.6	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
73.6	74.1	74.4	74.9	75.3	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
74.3	74.8	75.1	75.6	76.0	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
75.7	76.2	76.6	77.0	77.6	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
76.9	77.5	77.8	78.3	78.9	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
78.9	79.6	80.0	80.4	81.2	81.4	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
82.2	82.9	83.4	83.9	84.8	84.9	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
84.2	85.2	85.7	86.3	87.1	87.2	87.6	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
84.6	85.7	86.2	86.9	87.7	87.8	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
86.6	87.7	88.2	88.9	89.7	89.8	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
88.7	90.2	90.7	91.4	92.5	92.6	93.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
89.4	91.0	91.6	92.3	93.4	93.6	94.1	94.3	94.3	94.8	95.0	95.0	95.0	95.0	95.0	95.0
90.0	91.7	92.4	93.1	94.3	94.4	95.0	95.1	95.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8
90.7	92.5	93.2	93.9	95.2	95.3	95.9	96.0	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8
90.9	92.8	93.6	94.3	95.5	95.7	96.4	96.5	96.5	97.4	97.9	97.9	97.9	97.9	97.9	97.9
91.1	93.2	93.9	94.6	95.9	96.0	96.7	96.8	96.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2
91.2	93.3	94.0	94.7	96.0	96.1	96.8	97.0	97.0	97.9	98.4	98.4	98.6	98.7	98.7	98.7
91.2	93.3	94.0	94.7	96.0	96.1	96.8	97.0	97.0	97.9	98.7	98.7	98.9	99.1	99.2	99.2
91.2	93.3	94.0	95.0	96.2	96.5	97.2	97.4	97.4	98.4	99.2	99.2	99.4	99.5	99.6	99.6
91.2	93.3	94.0	95.0	96.2	96.5	97.2	97.4	97.4	98.6	99.4	99.4	99.8	99.9	100.0	100.0
91.2	93.3	94.0	95.0	96.2	96.5	97.2	97.4	97.4	98.6	99.4	99.4	99.8	99.9	100.0	100.0
91.2	93.3	94.0	95.0	96.2	96.5	97.2	97.4	97.4	98.6	99.4	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 653

GLOBAL CLIMATOLOGY BRANCH
AFCTAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1700-1400

52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.6	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
66.2	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
67.9	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
69.8	70.3	70.3	70.4	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
70.8	71.2	71.2	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
72.7	73.2	73.2	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
75.1	75.8	75.8	75.9	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
76.2	76.9	76.9	77.1	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
78.1	78.8	78.8	79.0	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
80.7	81.4	81.4	81.7	81.9	81.9	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3
83.3	84.7	84.7	84.9	85.3	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
85.4	86.5	86.5	86.8	87.1	87.2	87.5	87.5	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7
87.1	88.4	88.4	88.6	89.0	89.2	89.8	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0
87.6	88.9	88.9	89.1	89.4	89.7	90.3	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5
89.8	91.1	91.1	91.4	91.8	92.0	92.7	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9
91.2	92.7	92.8	93.4	94.0	94.3	95.0	95.1	95.1	95.2	95.5	95.6	95.6	95.6	95.6	95.6
91.6	93.3	93.4	94.3	95.0	95.5	96.2	96.3	96.3	96.4	96.8	96.9	96.9	96.9	96.9	96.9
91.8	93.4	93.5	94.4	95.2	95.7	96.4	96.5	96.5	96.6	97.0	97.1	97.1	97.1	97.1	97.1
91.8	93.7	93.9	94.8	95.6	96.1	96.8	96.9	96.9	97.0	97.4	97.6	97.9	97.9	97.9	97.9
92.0	94.0	94.1	95.2	96.1	96.5	97.2	97.4	97.4	97.6	98.1	98.3	98.6	98.6	98.5	98.6
92.1	94.2	94.3	95.7	96.5	97.0	97.7	97.9	97.9	98.0	98.6	98.7	99.1	99.1	99.1	99.1
92.2	94.3	94.4	95.8	96.6	97.1	97.8	98.0	98.0	98.1	98.7	98.8	99.2	99.4	99.4	99.4
92.2	94.3	94.4	95.9	96.8	97.2	97.9	98.1	98.1	98.4	99.0	99.2	99.5	99.8	99.8	99.8
92.2	94.3	94.4	95.9	96.8	97.2	97.9	98.1	98.1	98.4	99.0	99.2	99.5	99.8	99.8	99.8
92.3	94.4	94.5	96.2	97.0	97.4	98.1	98.4	98.4	98.6	99.2	99.4	99.8	100.0	100.0	100.0
92.3	94.4	94.5	96.2	97.0	97.4	98.1	98.4	98.4	98.6	99.2	99.4	99.8	100.0	100.0	100.0
92.3	94.4	94.5	96.2	97.0	97.4	98.1	98.4	98.4	98.6	99.2	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 662

USAF ETAC 14-5 (OLA)

USSAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 0 SALT LAKE APT UN 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
70.3	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
74.2	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
80.1	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
85.5	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
88.7	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
92.2	92.8	92.9	93.3	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
92.7	93.3	93.4	93.7	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
93.4	93.9	94.1	94.4	94.6	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
94.4	95.2	95.3	95.7	96.0	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
94.7	95.5	95.7	96.0	96.5	96.6	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
94.9	95.7	95.9	96.2	96.7	96.8	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
94.9	95.7	95.9	96.3	96.8	96.9	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
94.9	95.7	95.9	96.5	96.9	97.0	97.3	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
95.1	95.9	96.1	96.9	97.6	97.7	98.1	98.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7
95.1	95.9	96.1	96.9	97.6	97.7	98.1	98.3	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1
95.1	95.9	96.1	96.9	97.6	97.7	98.1	98.4	98.4	99.0	99.5	99.5	99.8	99.8	99.8	99.8
95.1	95.9	96.1	96.9	97.6	97.7	98.1	98.4	98.4	99.0	99.5	99.5	99.8	99.8	99.8	99.8
95.1	96.0	96.2	97.0	97.7	97.8	98.2	98.6	98.6	99.2	99.8	99.8	100.0	100.0	100.0	100.0
95.1	96.0	96.2	97.0	97.7	97.8	98.2	98.6	98.6	99.2	99.8	99.8	100.0	100.0	100.0	100.0
95.1	96.0	96.2	97.0	97.7	97.8	98.2	98.6	98.6	99.2	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 876

USAFETAC [illegible] PREVIOUS EDITIONS [illegible] OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71120 COLD LAKE APT CN 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
73.3	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
75.3	77.1	77.1	77.2	77.2	77.2	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
78.3	79.2	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
80.3	81.0	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
81.7	82.6	82.6	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
83.3	84.2	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
84.7	85.8	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
87.5	88.6	88.7	89.0	89.0	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
88.2	89.3	89.4	89.7	89.7	89.7	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
90.7	91.6	91.9	92.3	92.4	92.5	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
91.1	92.3	92.4	92.6	92.9	93.0	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.6	93.6	93.6
92.3	93.5	93.7	94.0	94.3	94.4	94.6	94.7	94.7	95.1	95.1	95.1	95.1	95.2	95.2	95.2
92.4	93.6	93.8	94.2	94.4	94.5	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.3	95.3	95.3
93.1	94.5	94.7	95.1	95.3	95.4	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.3	96.3	96.3
93.5	95.2	95.4	95.9	96.3	96.4	96.7	97.0	97.0	97.3	97.3	97.3	97.3	97.4	97.4	97.4
93.7	95.4	95.7	96.1	96.5	96.6	97.0	97.2	97.2	97.7	97.7	97.7	97.7	97.8	97.8	97.8
93.8	95.6	95.8	96.3	96.6	96.7	97.1	97.3	97.3	97.8	97.8	97.8	97.8	97.9	97.9	97.9
93.9	95.7	95.9	96.6	97.0	97.1	97.4	97.7	97.7	98.1	98.1	98.1	98.1	98.2	98.2	98.2
93.9	95.7	95.9	96.7	97.2	97.3	97.7	97.9	97.9	98.4	98.7	98.7	98.7	98.8	98.8	98.8
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	98.8	98.8	98.8	98.9	98.9	98.9
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	98.9	98.9	99.1	99.2	99.2	99.2
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.2	99.4	99.5	99.5	99.5
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.3	99.5	99.6	99.6	99.6
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.4	99.8	100.0	100.0	100.0
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.4	99.8	100.0	100.0	100.0
93.9	95.7	95.9	96.8	97.3	97.4	97.8	98.0	98.0	98.5	99.2	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 657

2

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-8? APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

?100-2300

57.6	58.0	58.0	58.1	58.4	58.4	58.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
64.1	64.6	64.6	64.7	64.9	64.9	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
64.1	64.6	64.6	64.7	64.9	64.9	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
64.1	64.6	64.6	64.7	64.9	64.9	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
64.5	65.1	65.1	65.2	65.4	65.4	65.4	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
67.0	67.7	67.7	67.8	68.1	68.1	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
70.9	71.4	71.6	71.7	72.1	72.1	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
74.3	74.9	75.1	75.2	75.5	75.5	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
76.8	77.4	77.6	77.7	78.1	78.1	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
78.4	79.0	79.2	79.4	79.7	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
79.8	80.4	80.6	80.7	81.1	81.1	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
81.3	81.9	82.1	82.2	82.6	82.6	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
81.8	82.4	82.6	82.7	83.0	83.0	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
84.1	84.7	84.9	85.0	85.4	85.4	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
84.9	85.5	85.7	85.8	86.2	86.2	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
87.2	87.9	88.1	88.5	88.8	88.8	88.8	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
88.8	89.6	89.9	90.2	90.5	90.5	90.5	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
90.5	91.5	91.7	92.3	92.8	92.8	92.8	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
90.9	91.8	92.0	92.6	93.2	93.2	93.2	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8
91.6	92.5	92.7	93.3	94.0	94.0	94.1	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
92.5	93.4	93.7	94.2	94.9	94.9	95.0	95.4	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2
93.0	94.1	94.3	95.0	95.7	95.7	95.8	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
93.2	94.1	94.3	95.2	95.8	95.8	96.0	96.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
93.2	94.1	94.3	95.2	96.0	96.0	96.1	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
93.2	94.2	94.5	95.3	96.2	96.2	96.3	96.8	96.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
93.3	94.3	94.6	95.4	96.4	96.4	96.5	97.0	97.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
93.5	94.6	94.8	95.7	96.8	96.8	96.9	97.3	97.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
93.7	94.7	94.9	95.8	97.0	97.0	97.1	97.6	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
93.7	94.7	94.9	95.8	97.2	97.2	97.3	97.8	97.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4
93.7	94.8	95.0	96.0	97.3	97.3	97.5	98.0	98.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0
93.7	94.8	95.0	96.0	97.3	97.3	97.5	98.0	98.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0
93.7	94.8	95.0	96.0	97.3	97.3	97.5	98.0	98.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 667

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] COLD LAKE APT CN[illegible] 73-8[illegible] APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

51.8	52.2	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.7
61.7	61.2	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.8
60.7	61.2	61.3	61.4	61.4	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
60.8	61.2	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.9
61.6	62.0	62.1	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.7
64.[illegible]	64.5	64.5	64.7	64.7	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.[illegible]	65.0	65.1
67.7	68.3	68.5	68.6	68.8	68.8	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.2
70.2	70.9	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.8
72.4	73.1	73.3	73.4	73.6	73.6	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.[illegible]	74.0	74.[illegible]
74.2	74.9	75.1	75.3	75.5	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
75.5	76.2	76.4	76.6	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
77.4	78.2	79.4	78.6	78.8	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2
78.4	79.2	79.5	79.7	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3
80.7	81.5	81.8	82.0	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
81.9	82.8	83.0	83.3	83.5	83.6	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.[illegible]	84.0	84.0
84.3	85.5	85.7	86.0	86.4	86.5	86.7	86.7	85.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0
85.9	87.1	87.4	87.8	88.2	88.3	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9
87.8	89.3	89.6	90.1	90.6	90.8	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.5	91.6
88.1	89.6	89.9	90.4	91.0	91.2	91.4	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.9	91.9
89.[illegible]	90.7	91.1	91.6	92.3	92.4	92.7	92.8	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.3
90.[illegible]	92.0	92.4	93.0	93.7	93.9	94.3	94.5	94.5	94.8	94.9	94.9	94.9	95.[illegible]	95.0	95.1
90.7	92.6	93.[illegible]	93.7	94.5	94.7	95.1	95.4	95.4	95.9	96.1	96.1	96.1	96.1	96.2	96.2
90.9	92.8	93.2	93.9	94.7	94.9	95.4	95.7	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.5
91.2	93.2	93.6	94.4	95.2	95.4	95.9	96.2	96.2	96.7	96.9	96.9	96.9	97.[illegible]	97.0	97.1
91.3	93.4	93.8	94.6	95.5	95.8	96.2	96.5	96.5	97.1	97.5	97.5	97.6	97.6	97.7	97.7
91.4	93.6	94.0	94.9	95.9	96.1	96.6	96.9	96.9	97.4	97.9	97.9	98.0	98.0	98.0	98.1
91.6	93.7	94.2	95.1	96.1	96.3	96.8	97.1	97.1	97.7	98.2	98.2	98.3	98.4	98.4	98.5
91.6	93.8	94.3	95.2	96.2	96.5	96.9	97.3	97.3	97.9	98.5	98.5	98.8	98.8	98.9	98.9
91.6	93.8	94.3	95.3	96.4	96.6	97.1	97.4	97.5	98.1	98.7	98.8	99.0	99.1	99.2	99.2
91.7	93.9	94.4	95.4	96.5	96.7	97.2	97.6	97.6	98.3	98.9	99.1	99.4	99.5	99.6	99.7
91.7	93.9	94.4	95.4	96.5	96.7	97.2	97.6	97.6	98.3	99.0	99.1	99.5	99.6	99.8	99.9
91.7	93.9	94.4	95.4	96.5	96.7	97.2	97.6	97.6	98.3	99.0	9.2	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6676

GLOBAL CLIMATOLOGY BRANCH
DEPTNO
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 C GOLD LAKE APT ON 73-87 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

55.7	59.7	59.7	61.2	61.6	61.8	61.0	61.0	61.7	61.1	61.1	61.1	61.2	61.2	61.2	61.7		
61.7	62.7	62.8	63.3	63.5	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5		
61.7	62.9	63.0	63.6	64.0	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.8		
62.0	63.0	63.1	63.6	64.1	64.3	64.5	64.5	64.5	64.6	64.6	64.6	64.8	64.8	64.9	64.9		
62.7	63.6	63.8	64.3	64.8	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.6		
65.7	66.2	66.7	66.9	67.3	67.5	67.7	67.7	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.1		
72.3	73.0	73.3	73.8	74.3	74.5	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.0		
74.5	75.5	76.8	76.4	76.8	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.6		
78.[illegible]	79.4	79.8	80.3	80.8	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5		
80.1	81.3	81.7	82.3	82.8	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5		
81.[illegible]	82.3	82.7	83.3	83.8	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5		
82.7	84.3	84.6	85.3	85.7	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.5		
83.4	85.4	85.7	86.4	86.9	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6		
84.[illegible]	86.7	87.1	87.7	88.2	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9		
85.6	88.0	88.3	89.0	89.4	89.6	89.8	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.2		
87.[illegible]	89.7	90.1	90.6	91.3	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	92.0		
88.6	91.5	91.9	92.7	93.1	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.9	93.9		
89.8	92.5	92.9	94.0	94.6	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.4	95.4	95.4	95.5		
89.8	92.7	93.3	94.4	94.9	95.1	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8		
90.1	93.6	94.3	95.4	95.9	96.1	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0		
90.6	94.3	94.9	96.0	96.6	96.8	97.2	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.7		
91.2	94.8	95.5	96.6	97.1	97.3	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3		
91.2	94.8	95.5	96.6	97.1	97.3	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3		
91.3	94.9	95.6	96.7	97.2	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.5		
91.3	95.1	95.9	96.9	97.5	97.7	98.1	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.7		
91.5	95.4	96.[illegible]	97.1	97.7	97.9	98.3	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	99.0		
91.6	95.7	96.4	97.5	98.0	98.3	98.8	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4		
91.9	95.9	96.6	97.7	98.2	98.6	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7		
91.9	95.9	96.6	97.7	98.2	98.6	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7		
91.9	95.9	96.6	97.8	98.3	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.9		
91.9	95.9	96.6	97.8	98.3	98.7	99.1	9[illegible]2	99.2	99.6	99.6	99.6	99.7	99.8	99.9	100.0		
91.9	95.9	96.6	97.8	98.3	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] COLD LAKE APT CN 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

500-0000

52.2	52.4	52.7	52.7	52.8	52.9	52.9	53.2	53.2	53.4	53.7	53.7	54.0	54.0	54.1	54.4	
57.9	58.2	58.4	58.4	58.6	58.7	58.9	59.3	59.3	59.6	59.9	59.9	60.3	60.3	60.6	60.9	
56.0	58.3	58.6	58.6	58.7	58.8	59.0	59.4	59.4	59.7	60.0	60.4	60.4	60.4	60.7	61.0	
58.2	58.5	58.8	58.8	58.9	59.0	59.2	59.7	59.7	59.9	60.2	60.2	60.7	60.7	60.9	61.2	
58.7	59.0	59.2	59.2	59.3	59.4	59.7	60.1	60.1	60.3	60.7	60.7	61.1	61.1	61.3	61.7	
61.3	62.7	62.9	62.9	63.0	63.1	63.3	63.6	63.8	64.0	64.3	64.3	64.8	64.9	65.0	65.3	
69.9	70.4	70.7	70.7	70.8	70.9	71.1	71.5	71.6	71.8	72.1	72.1	72.5	72.6	72.8	73.1	
72.4	73.0	73.4	73.4	73.6	73.7	73.9	74.3	74.3	74.6	74.9	74.9	75.3	75.3	75.8	76.0	
74.9	75.7	76.0	76.0	76.1	76.2	76.4	76.9	76.9	77.1	77.4	77.4	77.9	77.9	78.3	78.8	
77.7	78.4	78.8	78.8	78.9	79.0	79.2	79.7	79.7	79.9	80.2	80.2	80.7	80.7	81.1	81.6	
78.2	79.0	79.3	79.3	79.4	79.6	79.8	80.2	80.2	80.4	80.8	80.8	81.2	81.2	81.7	82.1	
79.7	80.4	80.8	80.8	80.9	81.0	81.2	81.7	81.7	81.9	82.2	82.2	82.7	82.7	83.1	83.6	
80.6	81.3	81.7	81.7	81.8	81.9	82.1	82.6	82.6	82.8	83.1	83.1	83.6	83.6	84.0	84.4	
81.4	82.4	82.8	82.8	82.9	83.0	83.2	83.7	83.7	83.9	84.2	84.2	84.7	84.7	85.1	85.6	
82.0	83.0	83.4	83.4	83.6	83.7	83.9	84.3	84.3	84.6	84.9	84.9	85.3	85.3	85.8	86.2	
83.4	84.6	85.2	85.2	85.4	85.6	85.8	86.2	86.2	86.4	86.8	86.8	87.2	87.2	87.7	88.1	
84.8	86.1	86.7	86.7	86.9	87.0	87.2	87.7	87.7	87.9	88.2	88.2	88.7	88.7	89.1	89.6	
86.9	88.2	88.8	88.8	89.1	89.2	89.4	89.9	89.9	90.1	90.4	90.4	90.9	90.9	91.3	91.8	
87.1	88.4	89.0	89.0	89.3	89.4	89.7	90.1	90.1	90.3	90.7	90.7	91.1	91.1	91.6	92.0	
88.0	89.3	90.0	90.1	90.6	90.7	90.9	91.4	91.4	91.7	92.0	92.0	92.4	92.4	92.9	93.3	
89.9	91.2	92.0	92.1	92.6	92.7	92.9	93.4	93.4	93.7	94.0	94.0	94.4	94.4	94.9	95.3	
90.2	91.6	92.6	92.6	93.3	93.4	93.7	94.2	94.2	94.4	94.8	94.8	95.2	95.2	95.7	96.1	
90.4	92.0	92.8	93.1	93.7	93.8	94.0	94.6	94.6	94.8	95.1	95.1	95.6	95.6	96.0	96.4	
90.5	92.1	92.9	93.2	93.9	94.0	94.2	94.8	94.8	95.0	95.3	95.3	95.8	95.8	96.2	96.7	
90.7	92.3	93.1	93.7	94.3	94.6	94.8	95.3	95.3	95.6	95.9	95.9	96.3	96.3	96.8	97.2	
91.0	92.7	93.4	94.0	94.8	95.1	95.3	95.9	95.9	96.2	96.5	96.6	97.0	97.0	97.4	97.9	
91.4	93.2	94.0	94.6	95.3	95.7	95.9	96.4	96.4	96.8	97.1	97.1	97.6	97.6	98.0	98.4	
91.6	93.3	94.1	94.8	95.6	95.9	96.2	96.8	96.8	97.1	97.4	97.4	97.9	97.9	98.3	98.8	
91.7	93.4	94.2	94.9	95.7	96.0	96.3	96.9	96.9	97.2	97.6	97.6	98.0	98.0	98.4	99.0	
91.8	93.6	94.3	95.0	95.8	96.1	96.5	97.1	97.1	97.4	97.9	97.9	98.3	98.7	99.1	99.7	
91.9	93.7	94.4	95.1	95.9	96.2	96.7	97.3	97.3	97.7	98.1	98.1	98.6	98.9	99.3	99.9	
91.9	93.7	94.4	95.1	95.9	96.2	96.7	97.3	97.3	97.7	98.1	98.1	98.6	98.9	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

2

CEILING VERSUS VISIBILITY

[illegible]	45.6	46.6	47.0	47.2	47.3	47.4	47.7	47.7	47.8	[illegible]	[illegible]	48.1	48.1	[illegible]	[illegible]	
53.1	54.6	54.8	55.1	55.4	55.5	55.6	55.9	55.9	56.[illegible]	56.2	56.2	56.3	56.3	56.8	57.2	
53.7	54.7	55.7	55.2	55.5	55.6	55.8	56.[illegible]	56.[illegible]	56.1	56.3	56.3	56.4	56.4	56.7	57.4	
[illegible]	54.8	55.1	55.3	55.6	55.8	55.9	56.1	56.1	56.2	56.4	56.4	56.5	56.6	57.[illegible]	57.5	
54.6	55.4	55.6	55.9	56.2	56.3	56.4	56.7	56.7	56.8	57.2	57.3	57.1	57.1	57.6	58.[illegible]	
58.2	59.[illegible]	59.2	59.4	59.7	59.9	60.[illegible]	60.2	60.2	60.3	60.5	60.5	60.7	60.7	61.1	61.7	
63.[illegible]	64.[illegible]	65.[illegible]	65.2	65.6	65.7	65.8	66.1	66.1	66.2	66.5	66.5	66.6	66.6	67.2	67.6	
69.5	69.6	70.2	70.4	70.7	70.9	71.[illegible]	71.4	71.4	71.5	71.7	71.7	71.8	71.8	72.3	72.9	
71.7	72.2	72.6	73.0	73.3	73.4	73.5	74.[illegible]	74.[illegible]	74.1	74.3	74.3	74.5	74.5	74.9	75.5	
74.9	75.3	75.8	76.3	76.6	76.7	76.9	77.3	77.7	77.4	77.7	77.7	77.8	77.8	78.2	78.8	
74.7	75.5	75.2	76.6	77.[illegible]	77.1	77.2	77.7	77.7	77.8	78.0	78.[illegible]	78.1	78.1	78.6	79.1	
75.8	76.9	77.4	77.9	78.7	78.3	78.6	79.[illegible]	79.[illegible]	79.1	79.4	79.4	79.5	79.5	79.2	80.5	
77.1	78.1	78.7	79.1	79.5	79.6	79.3	80.3	80.3	80.4	80.6	80.6	80.7	80.7	81.2	81.8	
77.7	78.5	79.4	79.6	80.2	80.3	80.5	81.0	81.0	81.1	81.3	81.3	81.4	81.4	81.9	82.[illegible]	
79.2	79.5	81.[illegible]	[illegible].5	81.8	81.0	81.2	81.6	81.6	81.[illegible]	82.[illegible]	82.0	82.1	82.1	82.6	83.1	
7[illegible].7	81.2	81.9	82.5	82.7	82.8	83.[illegible]	83.5	83.5	83.6	83.8	83.8	83.9	83.9	84.4	84.9	
83.4	81.9	82.6	83.0	83.4	83.5	83.7	84.2	84.2	84.3	84.5	84.5	84.6	84.6	85.1	85.6	
82.1	83.7	84.4	84.8	85.3	85.4	85.7	86.2	86.2	86.3	86.5	86.5	86.7	86.7	87.1	87.7	
82.5	[illegible]4.2	84.7	85.3	85.7	85.9	86.2	86.7	86.7	86.8	87.[illegible]	87.[illegible]	87.1	87.1	87.6	88.1	
83.8	85.5	86.3	87.2	87.5	87.6	87.9	88.4	88.4	88.5	88.7	88.7	88.8	88.8	89.3	89.9	
85.4	87.3	88.1	88.9	89.4	89.5	89.9	90.3	90.7	90.4	90.8	90.8	90.8	90.8	91.2	91.9	
86.8	88.8	89.6	90.4	91.1	91.2	91.6	92.1	92.1	92.4	92.7	92.7	92.8	92.8	93.3	93.8	
87.1	89.6	90.4	91.3	92.0	92.1	92.6	93.2	93.2	93.4	93.7	93.7	93.8	93.8	94.3	94.9	
87.6	91.1	92.9	91.9	92.7	92.8	93.4	94.0	94.0	94.2	94.5	94.5	94.6	94.6	95.1	95.7	
87.8	91.4	91.2	92.2	93.0	93.2	93.8	94.4	94.4	94.6	95.0	95.0	95.1	95.1	95.6	96.1	
88.4	91.1	91.9	93.[illegible]	94.0	94.2	94.9	95.4	95.4	95.7	96.0	96.0	96.1	96.1	96.5	97.1	
88.7	91.5	92.4	93.6	94.6	95.0	95.7	96.2	96.2	96.6	96.9	96.9	97.0	97.0	97.5	98.1	
89.9	92.0	92.9	94.3	95.6	95.9	96.6	97.1	97.1	97.5	97.8	97.8	97.9	97.9	98.4	99.0	
88.9	92.0	92.8	94.3	95.7	96.0	96.8	97.5	97.5	97.8	98.2	98.2	98.3	98.3	98.9	99.4	
88.9	[illegible]	92.8	94.4	95.9	96.2	97.0	97.7	97.7	98.1	98.5	98.5	98.6	98.7	99.4	100.0	
88.9	[illegible]	92.8	94.4	95.9	96.2	97.0	97.7	97.7	98.1	98.5	98.5	98.6	98.7	99.4	100.0	
88.9	[illegible]	92.8	94.4	95.9	96.2	97.0	97.7	97.7	98.1	98.5	98.5	98.6	98.7	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

71?2? COLD LAKE APT ON 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

?00-1100

44.5	45.9	48.9	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
55.1	56.5	58.7	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
55.1	56.5	58.7	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
55.1	56.5	58.7	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
55.5	56.8	59.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
60.7	61.1	61.4	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
65.3	65.5	66.1	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
68.4	68.8	69.1	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
70.6	71.0	71.4	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
71.9	72.4	72.7	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
73.1	73.4	73.7	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
74.2	74.5	75.0	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
75.0	75.4	75.9	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
76.9	77.3	77.7	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
78.3	78.8	79.1	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
80.6	81.5	81.8	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
82.3	83.7	84.1	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
85.0	86.5	86.9	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
86.0	87.7	88.0	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
87.0	88.9	89.3	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
88.7	90.9	91.4	92.4	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
89.9	92.4	92.9	93.6	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
90.1	92.7	93.2	94.3	94.9	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
90.9	93.5	94.2	95.4	96.1	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
91.7	94.6	95.3	96.5	97.2	97.4	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
91.9	94.9	95.6	97.0	97.6	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
92.1	95.2	95.8	97.4	98.2	98.4	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
92.5	95.7	96.4	98.1	98.9	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9
92.5	95.8	96.5	98.2	99.0	99.3	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
92.5	95.8	96.5	98.2	99.0	99.3	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
92.5	95.8	96.5	98.2	99.0	99.3	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
92.5	95.8	96.5	98.2	99.0	99.3	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] LAKE APT CN 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

41.7	42.3	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
50.5	51.1	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
50.5	51.1	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
50.5	51.1	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
51.7	52.4	52.9	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
54.6	55.3	55.9	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
58.9	59.7	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
61.3	62.1	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
62.9	63.7	64.2	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
64.9	65.7	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
69.2	70.0	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
74.0	74.8	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
75.7	76.5	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
79.9	80.7	81.3	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
82.3	83.1	83.8	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
85.6	86.4	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
87.3	88.3	89.0	89.3	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
90.0	91.1	91.8	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
91.4	91.6	92.2	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
[illegible]	93.1	93.9	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
93.5	94.7	95.5	96.0	96.0	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
94.9	96.4	97.2	97.8	97.8	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
95.3	96.9	97.6	98.2	98.2	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
95.5	97.1	98.0	98.5	98.5	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
95.5	97.2	98.1	98.7	98.7	99.2	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
95.6	97.2	98.1	98.8	98.8	99.3	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
95.7	97.3	98.2	98.9	98.9	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
95.8	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
95.8	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
95.8	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
95.8	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
95.8	97.4	98.3	99.0	99.0	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 889

USAF ETAC [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
54.5	55.2	55.3	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
54.5	55.2	55.3	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
54.5	55.2	55.3	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
54.8	55.5	55.6	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
57.2	58.1	58.3	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
62.5	63.4	63.6	63.7	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
65.5	66.3	66.6	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
68.1	69.0	69.2	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
70.8	71.7	71.9	72.0	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
75.8	76.6	76.9	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
80.0	80.9	81.1	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
82.2	83.4	83.7	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
85.4	86.8	87.1	87.2	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
86.5	88.0	88.3	88.4	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
88.6	90.1	90.4	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
90.8	92.5	92.8	92.9	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
93.6	95.4	95.6	95.7	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
93.8	95.6	95.8	95.9	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
94.4	96.6	96.8	96.9	96.9	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
95.2	97.5	97.7	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
95.6	98.0	98.4	98.5	98.5	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
95.8	98.2	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
95.9	98.5	98.8	98.9	98.9	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
96.1	98.6	98.9	99.0	99.0	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
96.1	98.7	99.0	99.1	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
96.1	98.7	99.0	99.1	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.1	98.7	99.0	99.1	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.1	98.7	99.0	99.1	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.2	98.8	99.1	99.2	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	98.8	99.1	99.2	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	98.8	99.1	99.2	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 912

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12 0 COLD LAKE APT CN 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

53.9	54.3	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
62.0	62.5	62.6	62.7	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
62.0	62.5	62.6	62.7	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
62.3	62.7	62.8	62.9	62.9	62.9	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
63.0	63.5	63.6	63.7	63.7	63.7	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
66.0	66.4	66.6	66.7	66.7	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
70.5	71.0	71.3	71.4	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
74.7	75.1	75.5	75.6	75.6	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
77.9	78.4	78.7	78.8	78.8	78.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
80.9	81.3	81.6	81.7	81.7	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
83.5	84.0	84.3	84.4	84.4	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
87.0	87.5	87.8	87.9	87.9	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
87.5	88.1	88.5	88.6	88.6	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
89.4	90.1	90.5	90.6	90.6	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
90.1	90.9	91.4	91.5	91.5	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
91.9	92.8	93.3	93.6	93.7	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
93.7	94.8	95.3	95.6	95.7	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
94.5	95.6	96.1	96.4	96.5	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
94.7	95.9	96.3	96.6	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
95.2	96.3	96.9	97.2	97.4	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
95.7	96.9	97.4	97.8	98.2	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
96.1	97.2	97.9	98.3	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
96.2	97.3	98.0	98.4	98.9	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.3	97.4	98.1	98.5	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
96.4	97.5	98.2	98.7	99.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
96.5	97.6	98.3	98.8	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

712 0 COLD LAKE APT CN 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

58.5	59.2	59.7	59.7	60.0	60.0	60.2	60.2	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6
65.5	66.1	66.8	66.8	67.1	67.1	67.3	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7
65.5	66.1	66.8	66.8	67.1	67.1	67.3	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7
65.5	66.1	66.8	66.8	67.1	67.1	67.3	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7
66.4	67.0	67.7	67.7	68.0	68.0	68.1	68.1	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
68.6	69.3	69.9	69.9	70.3	70.3	70.4	70.4	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8
73.3	74.1	74.9	74.9	75.2	75.2	75.4	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8
78.0	79.0	79.8	79.8	80.1	80.1	80.2	80.2	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
80.6	81.7	82.5	82.5	82.8	82.8	82.9	82.9	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
82.6	83.7	84.5	84.5	84.8	84.8	84.9	84.9	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
84.0	85.1	85.9	85.9	86.2	86.2	86.3	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8
85.8	87.2	88.0	88.0	88.3	88.3	88.5	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9
86.8	88.6	89.3	89.3	89.7	89.7	89.8	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
88.1	90.0	90.8	90.8	91.1	91.1	91.2	91.2	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7
89.1	91.1	91.9	92.0	92.3	92.3	92.5	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
90.1	92.7	93.8	94.0	94.3	94.3	94.6	94.6	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
91.1	93.7	94.8	95.1	95.4	95.4	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
91.9	94.6	95.7	96.0	96.3	96.4	96.8	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
92.0	94.7	95.8	96.1	96.4	96.6	96.9	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
92.5	95.2	96.3	96.8	97.1	97.2	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
93.6	96.4	97.6	98.1	98.4	98.6	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
93.7	96.6	97.7	98.2	98.6	98.9	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.7	96.6	97.7	98.2	98.6	98.9	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.7	96.7	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.8	96.8	97.9	98.4	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.8	96.8	97.9	98.4	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.8	96.8	97.9	98.4	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.8	96.8	97.9	98.4	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

50.7	51.2	51.3	51.5	51.7	51.7	51.8	51.9	51.9	52.0	52.1	52.1	52.2	52.2	52.2	52.3	
58.0	58.6	58.9	59.1	59.3	59.4	59.5	59.6	59.6	59.7	59.8	59.8	59.9	59.9	59.9	60.1	
58.1	58.7	58.9	59.2	59.4	59.4	59.5	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.1	
58.2	58.8	59.0	59.2	59.4	59.5	59.6	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.1	60.2	
58.8	59.4	59.7	59.9	60.1	60.2	60.3	60.4	60.4	60.5	60.6	60.6	60.7	60.7	60.8	60.9	
61.6	62.3	62.6	62.8	63.0	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.8	
67.1	67.8	68.2	68.4	68.6	68.7	68.8	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.3	69.4	
70.4	71.2	71.6	71.9	72.1	72.2	72.3	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.8	72.9	
73.1	73.9	74.3	74.6	74.8	74.8	74.9	75.1	75.1	75.2	75.3	75.3	75.4	75.4	75.5	75.6	
75.4	76.2	76.7	77.0	77.2	77.2	77.3	77.5	77.5	77.6	77.7	77.7	77.8	77.8	77.9	78.0	
77.4	78.3	78.7	79.0	79.2	79.3	79.4	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.9	80.1	
79.9	80.9	81.3	81.6	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.3	82.4	82.4	82.5	82.7	
81.1	82.1	82.6	82.9	83.1	83.2	83.3	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.8	84.0	
83.0	84.2	84.6	84.9	85.1	85.2	85.3	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.8	86.0	
84.0	85.3	85.8	86.1	86.3	86.4	86.5	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.1	87.2	
85.9	87.4	88.0	88.3	88.5	88.6	88.8	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.3	89.5	
87.4	89.1	89.7	90.0	90.3	90.4	90.5	90.7	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.2	
89.2	91.0	91.5	92.0	92.3	92.4	92.6	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.1	93.3	
89.5	91.4	91.9	92.4	92.6	92.8	93.0	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.5	93.7	
90.4	92.4	93.0	93.5	93.8	94.0	94.2	94.4	94.4	94.5	94.6	94.6	94.7	94.7	94.8	94.9	
91.6	93.7	94.3	94.9	95.2	95.4	95.6	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.4	
92.3	94.5	95.2	95.8	96.2	96.4	96.6	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.5	
92.5	94.8	95.5	96.1	96.5	96.7	97.0	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.8	
92.7	95.1	95.8	96.5	96.9	97.1	97.4	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.2	
92.9	95.3	96.1	96.8	97.2	97.4	97.7	98.0	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.6	
93.1	95.5	96.3	97.0	97.5	97.8	98.1	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.8	99.0	
93.3	95.8	96.5	97.3	97.8	98.1	98.4	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.3	
93.4	95.9	96.7	97.5	98.0	98.4	98.7	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.6	
93.4	96.0	96.7	97.6	98.1	98.4	98.8	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.6	99.7	
93.4	96.0	96.7	97.6	98.2	98.5	98.8	99.1	99.1	99.3	99.5	99.5	99.6	99.7	99.8	99.9	
93.5	96.0	96.8	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.8	100.0	
93.5	96.0	96.8	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 7168

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

712120 COLD LAKE APT CN 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-1200

60.5	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.7
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7	67.8
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7	67.8
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7	67.8
66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7	67.8
69.9	70.2	70.3	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	71.1	71.2
77.6	77.9	78.0	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.8	78.9
80.6	81.2	81.4	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.2
83.9	84.6	84.9	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.6	85.7
86.4	87.2	87.4	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.1	88.2
87.0	87.6	88.0	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.7	88.8
88.6	89.3	89.8	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.5	90.6
89.4	90.3	90.8	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.8
90.0	90.9	91.4	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.3	92.4
90.6	91.5	92.0	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.9	93.0
91.5	92.4	93.0	93.5	93.5	93.6	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.1	94.2
91.6	92.6	93.3	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.4	94.5
92.8	93.8	94.5	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.6	95.7
92.9	93.9	94.5	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.7	95.7	95.8	95.9
93.5	94.5	95.2	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.2	96.2	96.3	96.3	96.4	96.5
94.0	95.1	95.8	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.8	96.8	96.9	96.9	97.0	97.1
94.0	95.4	96.4	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.7	97.8
94.2	95.7	96.6	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.1	98.2
94.4	95.8	96.8	97.5	97.5	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.2	98.3
94.6	96.2	97.1	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.6	98.7
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9	99.0
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9	99.0
94.6	96.4	97.4	98.2	98.2	98.3	98.6	98.6	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.3
94.7	96.6	97.6	98.4	98.4	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.2	99.2	99.3	99.5
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.9
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.9
95.0	96.9	97.8	98.8	98.8	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 833

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 0 COLD LAKE APT CN 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

49.7	50.2	50.7	51.1	51.3	51.4	51.7	52.1	52.1	52.3	52.7	52.8	53.3	53.4	53.9	54.0	
57.2	57.8	58.3	58.8	58.9	59.0	59.4	59.7	59.7	60.0	60.3	60.4	60.9	61.0	61.5	61.7	
57.2	57.8	58.3	58.8	58.9	59.0	59.4	59.7	59.7	60.0	60.3	60.4	60.9	61.0	61.5	61.7	
57.2	57.8	58.3	58.8	58.9	59.0	59.4	59.7	59.7	60.0	60.3	60.4	60.9	61.0	61.5	61.7	
57.6	58.2	58.6	59.1	59.2	59.4	59.7	60.1	60.1	60.3	60.7	60.8	61.3	61.4	61.9	62.1	
61.5	62.1	62.6	63.1	63.2	63.3	63.6	64.0	64.0	64.2	64.6	64.7	65.2	65.3	65.8	66.0	
69.8	70.4	70.9	71.4	71.5	71.6	72.2	72.6	72.6	72.8	73.2	73.3	73.8	73.9	74.4	74.6	
74.1	74.9	75.3	75.9	76.0	76.2	76.8	77.1	77.1	77.4	77.7	77.8	78.3	78.4	78.9	79.1	
77.8	78.5	79.0	79.6	79.7	79.9	80.5	80.8	80.8	81.0	81.4	81.5	82.0	82.1	82.6	82.8	
80.9	81.8	82.2	82.8	83.0	83.1	83.7	84.0	84.0	84.3	84.6	84.7	85.2	85.3	85.8	86.1	
81.4	82.2	82.7	83.3	83.4	83.6	84.1	84.5	84.5	84.7	85.1	85.2	85.7	85.8	86.3	86.5	
82.7	83.6	84.0	84.6	84.7	84.9	85.5	85.8	85.8	86.1	86.4	86.5	87.0	87.1	87.6	87.8	
83.6	84.4	84.9	85.5	85.6	85.7	86.3	86.7	86.7	86.9	87.2	87.4	87.8	88.0	88.4	88.7	
84.0	85.1	85.7	86.3	86.4	86.5	87.1	87.5	87.5	87.7	88.1	88.2	88.7	88.8	89.3	89.5	
84.6	85.7	86.3	86.9	87.0	87.1	87.7	88.1	88.1	88.3	88.7	88.8	89.3	89.4	89.9	90.1	
85.7	86.9	87.6	88.2	88.3	88.4	89.0	89.4	89.4	89.6	90.0	90.1	90.6	90.7	91.2	91.4	
86.2	87.4	88.1	88.7	88.8	88.9	89.5	89.9	89.9	90.1	90.5	90.6	91.1	91.2	91.7	91.9	
87.5	88.7	89.4	90.0	90.1	90.2	90.9	91.3	91.3	91.5	91.9	92.0	92.5	92.6	93.1	93.3	
88.0	89.2	89.9	90.5	90.6	90.7	91.4	91.8	91.8	92.0	92.4	92.5	93.0	93.1	93.6	93.8	
88.8	90.2	91.1	91.7	91.9	92.0	92.7	93.1	93.1	93.4	93.8	93.9	94.4	94.5	95.0	95.2	
89.2	90.8	91.7	92.3	92.5	92.6	93.3	93.7	93.7	94.0	94.4	94.5	95.0	95.1	95.6	95.8	
89.7	91.5	92.5	93.1	93.3	93.4	94.3	94.6	94.6	95.0	95.4	95.5	95.9	96.1	96.5	96.8	
90.2	92.1	93.1	93.7	93.9	94.0	94.9	95.2	95.2	95.6	95.9	96.1	96.5	96.7	97.1	97.4	
90.7	92.6	93.6	94.2	94.4	94.5	95.4	95.7	95.7	96.1	96.4	96.5	97.0	97.1	97.5	97.9	
90.9	92.8	93.8	94.4	94.9	95.0	95.8	96.2	96.2	96.5	96.9	97.0	97.5	97.6	98.1	98.3	
91.3	93.3	94.3	94.9	95.4	95.5	96.4	96.8	96.8	97.1	97.5	97.6	98.1	98.2	98.7	98.9	
91.3	93.3	94.3	94.9	95.4	95.5	96.5	96.9	96.9	97.3	97.6	97.7	98.2	98.3	98.8	99.0	
91.5	93.6	94.5	95.1	95.6	95.7	96.8	97.1	97.1	97.5	97.9	98.0	98.5	98.6	99.0	99.3	
91.8	93.9	94.9	95.5	95.9	96.1	97.1	97.5	97.5	97.9	98.2	98.3	98.8	98.9	99.4	99.6	
91.9	94.0	95.0	95.6	96.1	96.2	97.3	97.6	97.6	98.0	98.3	98.5	98.9	99.0	99.5	99.8	
91.9	94.2	95.1	95.7	96.2	96.3	97.4	97.7	97.7	98.1	98.5	98.6	99.0	99.2	99.6	99.9	
91.9	94.2	95.1	95.7	96.2	96.3	97.4	97.7	97.7	98.1	98.5	98.6	99.0	99.2	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 12 5 COLD LAKE APT CN 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

48.7	49.4	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.2
56.2	57.0	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.0
56.2	57.0	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.0
56.2	57.0	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.0
56.6	57.5	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.6
61.5	62.4	62.7	62.8	63.1	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.5
69.4	70.2	70.5	70.7	70.9	70.9	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.5
74.0	75.1	75.4	75.5	75.8	75.8	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.4
77.[illegible]	78.0	78.4	78.5	78.7	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.3
79.5	80.6	81.0	81.1	81.4	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.9
80.2	81.4	81.7	81.8	82.1	82.1	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.7
81.4	82.7	83.0	83.1	83.4	83.4	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	84.0
81.6	82.9	83.3	83.4	83.6	83.6	83.8	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.2
82.5	83.8	84.2	84.3	84.6	84.6	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.2
83.4	84.7	85.0	85.2	85.4	85.4	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	86.0
84.6	86.0	86.3	86.6	86.8	86.8	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.4
85.7	87.3	87.6	87.9	88.1	88.1	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7
86.7	88.2	88.6	88.8	89.3	89.3	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9
86.8	88.4	88.7	89.0	89.4	89.4	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.0
88.6	90.1	90.5	90.7	91.3	91.3	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.9
89.9	91.8	92.3	92.5	93.5	93.5	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.1
91.1	93.1	93.6	93.6	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.4
91.4	93.5	93.9	94.2	95.1	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7
91.8	93.9	94.4	94.7	95.6	95.6	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.2
92.3	94.5	95.1	95.4	96.3	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9
92.5	94.8	95.4	95.6	96.7	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.3
92.6	94.9	95.5	95.7	96.8	96.8	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4
93.1	95.4	96.0	96.2	97.3	97.3	97.5	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.2
93.3	95.7	96.6	96.9	98.0	98.0	98.2	98.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.2
93.3	95.7	96.6	97.0	98.1	98.1	98.5	98.5	98.5	99.3	99.4	99.5	99.5	99.5	99.5	99.6
93.3	95.7	96.6	97.0	98.1	98.1	98.5	98.5	98.5	99.3	99.5	99.6	99.8	99.8	99.8	100.0
93.3	95.7	96.6	97.0	98.1	98.1	98.5	98.5	98.5	99.3	99.5	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 842

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12 COLD LAKE APT CN 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
77.2	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
78.8	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
81.4	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
82.2	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
85.1	85.5	85.5	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
87.1	87.5	87.6	87.6	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
89.9	90.2	90.3	90.3	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
90.5	90.8	90.9	90.9	91.2	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
93.2	93.7	94.0	94.2	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
94.8	95.6	96.1	96.2	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
95.4	96.3	96.8	96.9	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
95.4	96.4	96.9	97.0	97.5	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
95.4	96.7	97.1	97.3	97.9	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
95.7	97.0	97.5	97.6	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
95.9	97.4	97.9	98.0	98.7	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
96.1	97.6	98.1	98.2	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
96.2	97.9	98.3	98.6	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.2	97.9	98.3	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	97.9	98.3	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	97.9	98.3	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.2	97.9	98.3	98.6	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 839

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1270 COLD LAKE APT CN 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
63.7	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
66.5	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
69.1	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
76.1	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
79.5	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
83.7	84.7	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
86.0	87.3	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
89.3	90.7	91.4	91.4	91.4	1.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
90.5	92.0	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
92.7	94.3	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
93.5	95.1	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
94.6	96.2	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
95.1	96.8	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
95.4	97.2	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
95.4	97.2	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
95.4	97.3	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.4	97.3	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.5	97.4	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.5	97.4	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.5	97.4	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.5	97.4	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.5	97.4	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.5	97.4	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.5	97.4	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 621

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT ON 73-82 JU

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2
59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7
69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
75.1	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
79.9	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
85.7	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
89.8	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
91.1	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
93.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
94.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
95.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
96.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
96.6	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
97.0	98.1	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
97.2	98.5	98.8	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.2	98.6	98.8	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
97.2	98.6	98.8	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.2	98.6	98.8	99.3	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 831

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-80 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-[illegible]

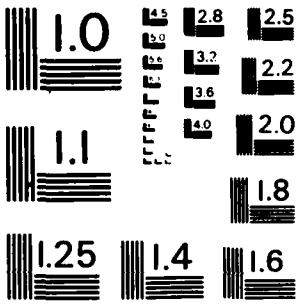
53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
69.3	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
80.5	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
83.3	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
85.5	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
87.6	88.2	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
89.3	90.0	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
90.5	91.3	91.5	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
91.7	92.6	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
92.4	93.2	93.5	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
94.5	95.6	95.8	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
94.6	95.9	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
95.6	96.3	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
95.6	96.3	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
95.8	97.0	97.7	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
95.9	97.2	97.8	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
95.9	97.3	97.9	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
95.9	97.3	97.9	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
95.9	97.3	97.9	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
95.9	97.3	97.9	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
96.2	97.5	98.2	98.9	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]
96.2	97.5	98.2	98.9	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF E [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A128 121 COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 3/5

UNCLASSIFIED USAFETAC/DS-83/007 SBI-AD-E850 371 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12.0 COLD LAKE APT CN 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEIL	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6
≥20000	67.9	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥18000	67.9	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥16000	68.0	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥14000	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5
≥12000	71.5	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥10000	78.9	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8
≥9000	83.0	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3
≥8000	86.3	87.2	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥7000	87.5	88.4	88.4	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥6000	89.9	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4
≥5000	90.7	91.6	91.6	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥4500	91.2	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7
≥4000	92.5	93.5	93.5	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥3500	93.1	94.1	94.1	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥3000	94.7	95.9	96.4	96.8	96.9	6.9	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2
≥2500	95.1	96.3	96.9	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥2000	95.7	96.9	97.5	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥1800	95.9	97.0	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥1500	96.2	97.4	98.0	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥1200	96.2	97.4	98.0	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥1000	96.4	97.8	98.3	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥900	96.4	97.8	98.3	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥800	96.4	97.8	98.3	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥700	96.4	97.9	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥600	96.4	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥500	96.4	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥400	96.4	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥300	96.4	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥200	96.4	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥100	96.4	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥0	96.4	98.0	98.7	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7112 0 COLD LAKE APT CN 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	2	2½	3	3½	4	5	6	7	8	9	10	11	12	13	14	15
[illegible]	50.0	50.2	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.7	50.7	50.8	50.8	50.9	50.9
[illegible]	59.3	59.5	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.3	60.3
[illegible]	59.3	59.6	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.4
[illegible]	59.5	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.2	60.3	60.3	60.4	60.4	60.5	60.5
[illegible]	59.9	60.2	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.8	60.8	60.9	60.9	61.0	61.0
[illegible]	63.0	63.4	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.2	64.2
[illegible]	70.5	70.9	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.8	71.8	71.9
[illegible]	74.3	74.9	75.1	75.2	75.2	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.8	75.8
[illegible]	77.3	78.0	78.2	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.9	78.9
[illegible]	79.6	80.3	80.5	80.6	80.7	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.2	81.3
[illegible]	81.4	82.1	82.3	82.5	82.5	82.6	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.1	83.1
[illegible]	84.0	84.7	85.0	85.1	85.2	85.2	85.4	85.4	85.4	85.5	85.6	85.6	85.7	85.7	85.8	85.8
[illegible]	85.3	86.1	86.3	86.5	86.6	86.6	86.8	86.8	86.8	86.9	86.9	87.0	87.0	87.1	87.1	87.2
[illegible]	87.0	87.8	88.1	88.3	88.4	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.1
[illegible]	87.9	88.8	89.1	89.3	89.4	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.1
[illegible]	89.8	90.8	91.2	91.5	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.2	92.3
[illegible]	90.7	91.8	92.2	92.5	92.6	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.3
[illegible]	92.1	93.2	93.7	94.0	94.1	94.2	94.4	94.5	94.5	94.5	94.6	94.6	94.7	94.7	94.8	94.9
[illegible]	92.4	93.5	94.0	94.3	94.5	94.6	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.1	95.1	95.2
[illegible]	93.4	94.6	95.2	95.6	95.8	95.9	96.1	96.1	96.1	96.2	96.3	96.3	96.4	96.4	96.5	96.5
[illegible]	94.0	95.3	96.0	96.4	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.3	97.3	97.4
[illegible]	94.4	95.9	96.6	97.0	97.3	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9	98.0	98.1
[illegible]	94.5	96.1	96.8	97.2	97.5	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.2	98.3
[illegible]	94.6	96.2	97.0	97.4	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.5	98.5	98.6
[illegible]	94.8	96.4	97.2	97.7	98.1	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.9	98.9
[illegible]	95.0	96.7	97.4	97.9	98.4	98.5	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.3
[illegible]	95.3	96.7	97.5	98.0	98.5	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.4
[illegible]	95.1	96.8	97.6	98.1	98.6	98.7	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.6
[illegible]	95.2	97.0	97.8	98.3	98.8	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.8
[illegible]	95.2	97.0	97.8	98.3	98.9	98.9	99.2	99.3	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9
[illegible]	95.2	97.0	97.8	98.4	98.9	98.9	99.2	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.9	100.0
[illegible]	95.2	97.0	97.8	98.4	98.9	98.9	99.2	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6662

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7112 0 COLD LAKE APT CN 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
NO CEILING	63.1	63.9	63.9	64.0	64.2	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 20000	67.1	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.6
≥ 18000	67.1	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.6
≥ 15000	67.1	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.6
≥ 10000	67.9	68.7	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4
≥ 7000	70.5	71.4	71.4	71.5	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 5000	77.3	78.2	78.2	78.3	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 4000	79.3	80.4	80.4	80.6	80.8	80.9	81.0	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3
≥ 3000	82.1	83.5	83.5	83.8	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6
≥ 2500	84.2	85.7	85.7	85.9	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 2000	85.1	86.9	87.1	87.3	87.7	87.9	88.0	88.0	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4
≥ 1500	86.0	87.9	88.3	88.5	89.0	89.1	89.2	89.2	89.2	89.4	89.6	89.6	89.7	89.7	89.7	89.7
≥ 1000	86.7	88.5	89.0	89.2	89.7	89.8	89.9	89.9	89.9	90.1	90.2	90.2	90.4	90.4	90.4	90.4
≥ 900	87.4	89.2	89.7	89.9	90.4	90.5	90.6	90.6	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0
≥ 800	87.9	89.7	90.1	90.4	90.8	90.9	91.0	91.0	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.5
≥ 700	88.8	90.8	91.3	91.5	92.1	92.2	92.3	92.3	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7
≥ 600	89.3	91.5	91.9	92.2	92.7	92.8	93.0	93.0	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 500	90.2	92.4	92.8	93.1	93.6	93.8	93.9	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3
≥ 400	90.4	92.5	93.0	93.2	93.8	93.9	94.0	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4
≥ 300	91.1	93.4	94.0	94.2	94.8	94.9	95.0	95.0	95.0	95.2	95.3	95.3	95.5	95.5	95.5	95.5
≥ 200	92.3	94.8	95.3	95.6	96.3	96.4	96.5	96.5	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 150	92.6	95.2	95.8	96.3	97.0	97.2	97.3	97.3	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7
≥ 100	92.8	95.5	96.0	96.6	97.4	97.5	97.6	97.6	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1
≥ 80	93.4	96.0	96.6	97.2	98.0	98.1	98.2	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 60	93.5	96.3	96.8	97.6	98.4	98.5	98.6	98.6	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 50	93.9	96.6	97.2	98.0	98.8	98.9	99.1	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 40	94.0	96.7	97.3	98.1	98.9	99.0	99.2	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7
≥ 30	94.1	96.8	97.4	98.2	99.0	99.1	99.3	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 20	94.1	96.8	97.4	98.2	99.1	99.2	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 15	94.1	96.8	97.4	98.2	99.1	99.2	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 10	94.1	96.8	97.4	98.2	99.1	99.2	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 5	94.1	96.8	97.4	98.2	99.1	99.2	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7112 0 COLD LAKE APT CN 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥5/8	≥1/2	≥2	≥1	≥3/4	≥2	≥1 1/4	≥1	≥0
≥ UNLIMITED	53.0	54.8	55.0	55.1	55.5	55.5	55.6	56.0	56.0	56.6	56.9	57.1	57.5	57.7	57.9	58.4
≥ 20000	58.4	60.3	60.6	60.7	61.0	61.0	61.1	61.6	61.6	62.1	62.5	62.6	63.1	63.3	63.4	64.1
≥ 18000	58.4	60.3	60.6	60.7	61.0	61.0	61.1	61.6	61.6	62.1	62.5	62.6	63.1	63.3	63.4	64.1
≥ 6000	58.4	60.3	60.6	60.7	61.0	61.0	61.1	61.6	61.6	62.1	62.5	62.6	63.1	63.3	63.4	64.1
≥ 4000	58.8	60.7	60.9	61.0	61.4	61.4	61.5	61.9	61.9	62.5	62.8	62.9	63.4	63.6	63.7	64.4
≥ 2000	60.2	62.1	62.4	62.5	62.8	62.8	62.9	63.4	63.4	64.0	64.3	64.4	64.9	65.1	65.2	65.9
≥ 1000	68.4	70.8	71.2	71.3	71.6	71.6	71.8	72.2	72.2	72.8	73.1	73.2	73.8	74.0	74.2	74.9
≥ 900	70.8	73.4	73.8	74.0	74.4	74.4	74.5	74.9	74.9	75.5	75.9	76.0	76.6	76.8	77.1	77.9
≥ 800	74.2	77.1	77.4	77.6	78.0	78.0	78.1	78.5	78.5	79.1	79.5	79.7	80.2	80.5	80.7	81.5
≥ 700	76.0	79.1	79.4	79.8	80.1	80.1	80.2	80.7	80.7	81.2	81.7	81.8	82.5	82.7	82.9	83.7
≥ 600	76.9	80.1	80.5	80.8	81.1	81.1	81.2	81.7	81.7	82.3	82.7	82.8	83.5	83.7	84.0	84.7
≥ 500	78.2	81.4	81.7	82.0	82.5	82.5	82.6	83.1	83.1	83.8	84.3	84.4	85.1	85.3	85.5	86.3
≥ 4500	79.1	82.3	82.6	82.9	83.4	83.4	83.5	84.0	84.0	84.7	85.2	85.3	86.0	86.2	86.4	87.2
≥ 4000	80.2	83.5	83.8	84.3	84.7	84.7	84.9	85.4	85.4	86.2	86.7	86.8	87.5	87.7	87.9	88.7
≥ 3500	80.6	83.8	84.2	84.6	85.1	85.1	85.2	85.8	85.8	86.6	87.0	87.1	87.8	88.0	88.2	89.0
≥ 3000	81.7	85.0	85.3	85.9	86.3	86.3	86.4	87.0	87.0	87.8	88.2	88.4	89.0	89.3	89.5	90.3
≥ 2500	82.6	86.1	86.4	87.0	87.5	87.5	87.6	88.1	88.1	88.9	89.4	89.5	90.2	90.4	90.6	91.4
≥ 2000	83.7	87.5	87.9	88.5	88.9	88.9	89.0	89.6	89.6	90.4	90.8	91.0	91.6	91.9	92.1	92.9
≥ 1800	83.8	87.6	88.0	88.6	89.0	89.0	89.2	89.7	89.7	90.5	91.0	91.1	91.8	92.0	92.2	93.0
≥ 1500	84.7	88.7	89.2	89.7	90.2	90.2	90.3	90.8	90.8	91.6	92.1	92.2	92.9	93.1	93.3	94.1
≥ 1200	85.8	89.8	90.4	91.0	91.4	91.4	91.5	92.1	92.1	92.9	93.3	93.4	94.1	94.4	94.6	95.4
≥ 1000	86.3	90.6	91.3	92.0	92.4	92.4	92.5	93.1	93.1	93.9	94.4	94.5	95.1	95.4	95.6	96.4
≥ 900	86.4	90.7	91.4	92.1	92.5	92.5	92.7	93.2	93.2	94.0	94.5	94.6	95.3	95.5	95.7	96.5
≥ 800	86.7	91.0	91.8	92.4	92.9	92.9	93.0	93.6	93.6	94.4	94.8	94.9	95.6	95.8	96.0	96.8
≥ 700	86.8	91.1	91.9	92.5	93.1	93.1	93.2	93.8	93.8	94.6	95.0	95.1	95.8	96.0	96.3	97.1
≥ 600	87.2	91.5	92.3	93.2	93.9	93.9	94.0	94.6	94.6	95.4	95.8	95.9	96.6	96.8	97.1	97.9
≥ 500	87.3	91.8	92.8	93.7	94.5	94.5	94.6	95.3	95.3	96.0	96.5	96.6	97.3	97.5	97.7	98.5
≥ 400	87.8	92.3	93.3	94.5	95.3	95.3	95.5	96.2	96.2	96.9	97.4	97.5	98.2	98.4	98.6	99.4
≥ 300	87.8	92.4	93.6	94.7	95.5	95.5	95.7	96.4	96.4	97.2	97.6	97.7	98.4	98.6	98.9	99.7
≥ 200	87.9	92.5	93.7	94.8	95.6	95.6	95.8	96.5	96.5	97.3	97.7	97.9	98.5	98.8	99.0	99.8
≥ 100	87.9	92.5	93.7	94.8	95.6	95.6	95.8	96.5	96.5	97.3	97.7	97.9	98.5	98.8	99.0	99.9
≥	87.9	92.5	93.7	94.8	95.6	95.6	95.8	96.5	96.5	97.3	97.7	97.9	98.5	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7112 0 COLD LAKE APT CN 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0600-0800

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥	≥	≥
NO CEILING	51.4	52.5	52.6	52.8	53.2	53.2	53.4	53.7	53.7	53.8	53.8	53.8	54.0	54.0	54.1	54.4
≥ 20000	57.8	59.2	59.3	59.4	59.9	59.9	60.1	60.3	60.3	60.5	60.5	60.5	60.7	60.7	60.8	61.0
≥ 18000	57.9	59.3	59.4	59.5	60.0	60.0	60.2	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.9	61.1
≥ 15000	57.9	59.3	59.4	59.5	60.0	60.0	60.2	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.9	61.1
≥ 14000	59.4	60.8	60.9	61.0	61.5	61.5	61.7	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.4	62.6
≥ 12000	62.5	63.9	64.1	64.3	64.7	64.7	64.9	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.6	65.9
≥ 10000	68.6	70.2	70.6	70.9	71.4	71.4	71.6	71.8	71.8	72.0	72.0	72.0	72.2	72.2	72.3	72.5
≥ 9000	71.5	73.2	73.6	73.9	74.4	74.4	74.6	74.8	74.8	74.9	74.9	74.9	75.3	75.3	75.5	75.7
≥ 8000	74.7	76.8	77.1	77.6	78.0	78.0	78.3	78.5	78.5	78.6	78.6	78.6	79.0	79.0	79.3	79.5
≥ 7000	75.6	77.9	78.3	78.7	79.2	79.3	79.5	79.8	79.8	79.9	79.9	79.9	80.2	80.2	80.6	80.8
≥ 6000	76.4	78.9	79.2	79.7	80.1	80.2	80.5	80.7	80.7	80.8	80.8	80.8	81.1	81.1	81.5	81.7
≥ 5000	77.2	79.7	80.0	80.5	81.0	81.1	81.4	81.6	81.6	81.7	81.7	81.7	82.1	82.1	82.4	82.6
≥ 4500	77.6	80.0	80.3	80.9	81.5	81.6	81.8	82.1	82.1	82.2	82.2	82.2	82.5	82.5	82.9	83.1
≥ 4000	78.6	81.1	81.5	82.1	82.6	82.8	83.0	83.2	83.2	83.3	83.3	83.3	83.7	83.7	84.0	84.3
≥ 3500	78.7	81.4	81.7	82.3	82.9	83.0	83.2	83.4	83.4	83.6	83.6	83.6	83.9	83.9	84.3	84.5
≥ 3000	79.3	82.1	82.4	83.0	83.6	83.8	84.0	84.3	84.3	84.4	84.4	84.4	84.7	84.7	85.1	85.3
≥ 2500	80.3	83.1	83.4	84.0	84.6	84.8	85.1	85.3	85.3	85.4	85.4	85.4	85.7	85.7	86.1	86.3
≥ 2000	82.6	85.4	85.7	86.3	87.0	87.2	87.5	87.7	87.7	87.8	87.8	87.8	88.2	88.2	88.5	88.7
≥ 1800	83.2	86.0	86.3	86.9	87.6	87.8	88.0	88.3	88.3	88.4	88.4	88.4	88.7	88.7	89.1	89.3
≥ 1500	84.6	87.4	87.8	88.4	89.1	89.3	89.5	89.8	89.8	89.9	89.9	89.9	90.2	90.2	90.6	90.8
≥ 1200	86.6	89.4	90.0	90.6	91.3	91.5	91.7	92.0	92.0	92.1	92.1	92.1	92.4	92.4	92.8	93.0
≥ 1000	87.4	90.6	91.1	92.0	92.9	93.1	93.3	93.6	93.6	93.7	93.7	93.7	94.0	94.0	94.4	94.6
≥ 900	87.7	91.0	91.6	92.4	93.3	93.6	93.9	94.1	94.1	94.3	94.3	94.3	94.6	94.6	94.9	95.2
≥ 800	88.5	92.1	92.8	93.6	94.5	94.7	95.1	95.3	95.3	95.4	95.4	95.4	95.7	95.7	96.1	96.3
≥ 700	89.0	92.5	93.2	94.1	95.1	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.3	96.3	96.7	96.9
≥ 600	89.4	93.1	93.8	94.7	95.9	96.1	96.4	96.7	96.7	96.8	96.8	96.8	97.1	97.1	97.5	97.7
≥ 500	89.9	93.6	94.4	95.3	96.6	96.8	97.1	97.4	97.4	97.5	97.5	97.5	97.8	97.8	98.2	98.4
≥ 400	89.9	93.7	94.6	95.5	96.8	97.0	97.4	97.6	97.6	97.7	97.9	97.9	98.3	98.3	98.7	99.1
≥ 300	90.0	93.9	94.8	95.7	97.0	97.2	97.6	97.9	97.9	98.0	98.3	98.3	98.7	98.9	99.3	99.7
≥ 200	90.0	93.9	94.8	95.7	97.0	97.2	97.6	97.9	97.9	98.3	98.5	98.5	99.0	99.1	99.5	99.9
≥ 100	90.0	93.9	94.8	95.7	97.0	97.2	97.6	97.9	97.9	98.3	98.5	98.5	99.0	99.1	99.5	100.0
≥ 0	90.0	93.9	94.8	95.7	97.0	97.2	97.6	97.9	97.9	98.3	98.5	98.5	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 870

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	26	25	24													
UNLIMITED	51.6	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
22000	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
20000	60.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
18000	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
16000	62.1	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
14000	65.3	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
12000	70.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
10000	73.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
9000	75.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
8000	75.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
7000	76.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
6000	77.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
5000	78.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
4500	79.1	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
4000	79.6	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
3500	81.4	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
3000	83.2	85.0	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
2500	87.2	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
2000	87.9	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1500	90.0	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
1200	92.6	94.7	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
1000	93.5	95.7	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
900	94.2	96.4	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
800	95.3	97.5	97.6	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
700	95.8	98.2	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
600	96.2	98.5	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	96.2	98.5	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
400	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
150	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	96.3	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 867

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71120 COLD LAKE APT CN 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEIL	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥20000	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥18000	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥16000	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥14000	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥12000	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥10000	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥9000	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥8000	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥7000	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥6000	73.9	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥5000	76.5	77.1	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥4500	79.0	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥4000	82.1	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥3500	84.1	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥3000	87.7	88.2	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥2500	90.1	90.8	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥2000	93.2	94.1	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥1800	93.9	94.8	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥1500	95.7	96.5	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥1200	96.3	97.2	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥1000	96.5	97.4	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥900	96.5	97.4	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥800	96.5	97.4	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥700	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥600	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥500	96.7	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥400	96.7	97.9	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥300	96.7	97.9	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥200	96.7	97.9	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥100	96.7	97.9	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥0	96.7	97.9	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 859

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711230 COLD LAKE APT CN 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY (STATUTE MILES)

	47.9	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
	57.9	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
	58.2	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
	58.2	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
	59.3	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
	64.0	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
	70.1	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
	73.4	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	76.2	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
	78.6	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
	81.2	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	85.3	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
	86.2	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
	88.5	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	90.0	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	92.2	93.5	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	94.2	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	95.2	96.7	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	95.8	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	96.8	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	97.0	98.5	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	97.0	98.6	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	97.0	98.6	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	97.0	98.6	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.1	98.7	99.1	99.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 877

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12 0 COLD LAKE APT CN 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

	≥6		≥4												
60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
90.8	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
91.0	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
92.2	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
92.5	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
94.2	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
95.1	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
96.4	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
96.5	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
96.8	97.5	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
97.3	98.2	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
97.3	98.4	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
97.3	98.4	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
97.3	98.4	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.5	98.6	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 857

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7112[illegible]0 COLD LAKE APT CN 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

65.3	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
80.7	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	91.2
84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	65.0	85.0	85.0	85.0	85.0	95.0
87.0	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
88.6	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
90.4	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
91.3	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
92.3	93.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
92.7	93.5	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
93.5	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
94.1	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
95.3	96.2	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
95.8	96.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
96.3	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
96.6	97.5	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
96.7	97.6	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
96.7	97.6	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
96.8	97.7	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
97.0	98.0	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
97.0	98.0	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
97.0	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.0	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.0	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.0	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.0	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
97.0	98.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7112.0 COLD LAKE APT CN 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

	54.7	55.5	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.2	56.3
	62.5	63.3	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.2
	62.7	63.5	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.2	64.3
	62.8	63.6	63.6	63.7	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.3	64.3	64.4
	63.6	64.4	64.5	64.5	64.6	64.6	64.7	64.8	64.8	64.9	64.9	64.9	65.0	65.1	65.1	65.2
	66.7	67.5	67.6	67.6	67.8	67.8	67.8	67.9	67.9	68.0	68.0	68.1	68.2	68.2	68.2	68.3
	72.9	73.9	74.0	74.1	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.8
	75.7	76.7	76.9	77.0	77.1	77.1	77.2	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.7	77.8
	78.4	79.5	79.7	79.8	79.9	80.0	80.0	80.1	80.1	80.2	80.3	80.3	80.4	80.4	80.5	80.6
	80.0	81.2	81.3	81.5	81.7	81.7	81.7	81.8	81.8	81.9	82.0	82.0	82.2	82.2	82.3	82.4
	81.0	82.3	82.5	82.7	82.8	82.8	82.9	83.0	83.0	83.1	83.2	83.2	83.3	83.4	83.4	83.6
	82.7	84.2	84.4	84.6	84.8	84.9	84.9	85.0	85.0	85.2	85.2	85.2	85.4	85.4	85.5	85.6
	83.6	85.1	85.4	85.6	85.8	85.8	85.8	85.9	85.9	86.1	86.2	86.2	86.3	86.3	86.4	86.5
	85.1	86.6	86.9	87.1	87.3	87.3	87.4	87.5	87.5	87.7	87.7	87.7	87.9	87.9	88.0	88.1
	85.8	87.3	87.6	87.9	88.1	88.1	88.1	88.2	88.2	88.4	88.5	88.5	88.6	88.7	88.7	88.9
	87.3	89.0	89.4	89.7	89.9	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.5	90.5	90.6	90.7
	88.6	90.3	90.8	91.1	91.3	91.3	91.4	91.5	91.5	91.7	91.7	91.7	91.9	91.9	92.0	92.1
	90.5	92.3	92.7	93.0	93.3	93.3	93.4	93.5	93.5	93.6	93.7	93.7	93.9	93.9	94.0	94.1
	90.9	92.7	93.2	93.5	93.7	93.8	93.8	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.4	94.5
	92.0	93.9	94.3	94.7	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.6	95.6	95.7	95.8
	93.0	95.0	95.5	96.0	96.2	96.3	96.4	96.5	96.5	96.6	96.7	96.7	96.9	96.9	97.0	97.1
	93.4	95.5	96.0	96.5	96.9	97.0	97.0	97.1	97.1	97.3	97.4	97.4	97.5	97.6	97.6	97.8
	93.6	95.7	96.2	96.7	97.1	97.2	97.3	97.4	97.4	97.5	97.6	97.6	97.8	97.8	97.9	98.0
	93.9	96.1	96.7	97.2	97.6	97.7	97.8	97.9	97.9	98.0	98.1	98.1	98.3	98.3	98.4	98.5
	94.2	96.4	97.0	97.6	98.0	98.1	98.2	98.3	98.3	98.5	98.6	98.6	98.7	98.8	98.8	99.0
	94.4	96.6	97.2	97.8	98.3	98.4	98.5	98.6	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.3
	94.5	96.7	97.4	98.0	98.5	98.6	98.7	98.9	98.9	99.0	99.1	99.1	99.3	99.3	99.4	99.5
	94.5	96.8	97.5	98.2	98.7	98.8	99.0	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.8
	94.6	96.9	97.6	98.2	98.8	98.9	99.0	99.2	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9
	94.6	96.9	97.6	98.3	98.8	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0
	94.6	96.9	97.6	98.3	98.8	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0
	94.6	96.9	97.6	98.3	98.8	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6984

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0400

61.4	62.4	62.4	62.7	63.1	63.1	63.1	63.1	63.1	63.2	63.4	63.4	63.4	63.4	63.5	63.5
63.7	64.8	64.8	65.1	65.8	65.8	65.8	65.8	65.8	65.9	66.1	66.1	66.1	66.1	66.2	66.3
63.7	64.8	64.8	65.1	65.8	65.8	65.8	65.8	65.8	65.9	66.1	66.1	66.1	66.1	66.2	66.3
63.7	64.8	64.8	65.1	65.8	65.8	65.8	65.8	65.8	65.9	66.1	66.1	66.1	66.1	66.2	66.3
64.5	65.5	65.5	65.9	66.6	66.6	66.6	66.6	66.6	66.7	66.9	66.9	66.9	66.9	67.1	67.2
66.4	67.5	67.5	67.8	68.5	68.5	68.5	68.5	68.5	68.6	68.8	68.8	68.8	68.8	69.0	69.1
72.2	73.3	73.3	73.6	74.3	74.3	74.3	74.3	74.3	74.4	74.6	74.6	74.7	74.7	75.1	75.2
75.2	76.4	76.4	76.8	77.4	77.4	77.4	77.4	77.4	77.6	77.8	77.8	77.9	77.9	78.2	78.3
79.5	80.7	80.8	81.1	81.9	81.9	81.9	81.9	81.9	82.0	82.3	82.3	82.4	82.4	82.7	82.8
81.8	83.5	83.6	84.0	84.8	84.8	84.8	84.8	84.8	85.0	85.2	85.2	85.3	85.3	85.6	85.7
83.3	85.1	85.2	85.5	86.4	86.4	86.4	86.4	86.4	86.5	86.8	86.8	86.9	86.9	87.2	87.3
84.6	86.5	86.6	87.0	87.9	87.9	87.9	87.9	87.9	88.0	88.2	88.2	88.3	88.3	88.7	88.8
85.3	87.2	87.3	87.7	88.6	88.6	88.6	88.6	88.6	88.7	88.9	88.9	89.0	89.0	89.3	89.5
86.3	88.2	88.4	88.9	90.0	90.0	90.0	90.0	90.0	90.1	90.3	90.3	90.5	90.5	90.8	90.9
86.4	88.4	88.7	89.1	90.2	90.2	90.2	90.2	90.2	90.3	90.6	90.6	90.7	90.7	91.0	91.1
87.2	89.2	89.5	89.9	91.1	91.1	91.1	91.1	91.1	91.2	91.5	91.5	91.6	91.6	91.9	92.0
87.5	89.6	89.8	90.2	91.5	91.5	91.5	91.5	91.5	91.6	91.8	91.8	91.9	91.9	92.3	92.4
89.7	91.7	91.9	92.4	93.6	93.6	93.6	93.6	93.6	93.7	93.9	93.9	94.1	94.1	94.4	94.5
89.7	91.7	91.9	92.4	93.6	93.6	93.6	93.6	93.6	93.7	93.9	93.9	94.1	94.1	94.4	94.5
90.5	92.6	92.8	93.4	94.6	94.6	94.6	94.6	94.6	94.7	94.9	94.9	95.1	95.1	95.4	95.5
91.2	93.5	93.7	94.3	95.7	95.7	95.7	95.7	95.7	95.8	96.1	96.1	96.2	96.2	96.5	96.6
91.2	93.7	93.9	94.6	96.1	96.1	96.1	96.1	96.1	96.5	96.7	96.7	96.9	96.9	97.2	97.3
91.5	93.9	94.2	94.8	96.3	96.3	96.3	96.3	96.3	96.7	97.0	97.0	97.1	97.1	97.4	97.5
91.6	94.2	94.4	95.1	96.5	96.5	96.5	96.5	96.5	97.0	97.2	97.2	97.3	97.3	97.6	97.8
91.7	94.5	94.7	95.5	97.0	97.0	97.0	97.0	97.0	97.4	97.6	97.6	97.8	97.8	98.1	98.2
91.9	94.7	94.9	95.8	97.4	97.4	97.4	97.4	97.4	98.0	98.2	98.2	98.3	98.3	98.7	98.8
92.0	94.8	95.1	96.0	97.5	97.5	97.5	97.5	97.5	98.1	98.3	98.3	98.4	98.4	98.8	98.9
92.0	94.8	95.1	96.0	97.5	97.5	97.5	97.5	97.5	98.1	98.4	98.4	98.5	98.5	98.9	99.0
92.0	94.8	95.1	96.0	97.6	97.6	97.6	97.6	97.6	98.2	98.5	98.5	98.7	98.7	99.0	99.1
92.4	95.2	95.4	96.3	98.1	98.1	98.1	98.2	98.2	98.8	99.1	99.1	99.2	99.2	99.7	99.8
92.4	95.3	95.5	96.4	98.2	98.2	98.2	98.3	98.3	98.9	99.3	99.3	99.4	99.4	99.9	100.0
92.4	95.3	95.5	96.4	98.2	98.2	98.2	98.3	98.3	98.9	99.3	99.3	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

10.0 COLD LAKE APT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

51.7	53.1	53.3	53.9	54.0	54.2	54.4	54.4	54.4	54.4	54.6	54.6	54.9	54.9	55.1	55.6	
54.5	56.1	56.3	56.8	57.2	57.4	57.6	57.6	57.6	57.6	57.8	57.8	58.1	58.1	58.3	58.8	
54.5	56.1	56.3	55.8	57.2	57.4	57.6	57.6	57.6	57.6	57.8	57.8	58.1	58.1	58.3	58.8	
54.5	56.1	56.3	56.8	57.2	57.4	57.6	57.6	57.6	57.6	57.8	57.8	58.1	58.1	58.3	58.8	
55.1	56.5	56.8	57.6	57.9	58.2	58.4	58.4	58.4	58.4	58.6	58.6	58.8	58.8	59.1	59.6	
59.3	60.8	61.0	61.8	62.1	62.4	62.6	62.6	62.6	62.7	62.9	62.9	63.1	63.1	63.4	63.9	
67.8	69.4	69.6	70.4	70.8	71.0	71.2	71.2	71.2	71.3	71.5	71.5	71.7	71.7	72.0	72.5	
70.4	72.2	72.5	73.3	73.7	74.0	74.2	74.2	74.2	74.3	74.5	74.5	74.7	74.7	74.9	75.5	
74.0	75.8	76.2	76.9	77.4	77.6	77.8	77.8	77.8	77.9	78.1	78.1	78.4	78.4	78.6	79.1	
75.9	78.0	78.6	79.4	79.9	80.1	80.4	80.4	80.4	80.5	80.7	80.7	80.9	80.9	81.1	81.7	
76.6	78.8	79.4	80.1	80.7	80.9	81.1	81.1	81.1	81.2	81.5	81.5	81.7	81.7	81.9	82.6	
77.9	80.4	80.9	81.7	82.2	82.5	82.7	82.7	82.7	82.6	83.0	83.0	83.2	83.2	83.4	84.1	
78.6	81.0	81.6	82.5	83.1	83.3	83.6	83.6	83.6	83.7	83.9	83.9	84.1	84.1	84.3	85.0	
80.5	83.0	83.6	84.4	85.2	85.4	85.8	85.8	85.8	85.9	86.1	86.1	86.3	86.3	86.5	87.2	
81.2	83.8	84.3	85.2	86.0	86.2	86.5	86.5	86.5	86.6	86.9	86.9	87.1	87.1	87.3	88.0	
82.2	85.0	85.7	86.5	87.3	87.5	87.9	87.9	87.9	88.0	88.2	88.2	88.4	88.4	88.6	89.3	
83.0	85.9	86.5	87.4	88.2	88.4	88.7	88.7	88.7	88.9	89.1	89.1	89.3	89.3	89.5	90.2	
84.2	87.2	87.9	89.0	89.7	90.0	90.3	90.4	90.4	90.5	90.7	90.7	90.9	90.9	91.2	91.8	
84.3	87.3	88.0	89.1	89.8	90.1	90.6	90.7	90.7	90.8	91.1	91.1	91.3	91.3	91.5	92.2	
85.1	88.2	88.9	90.1	90.8	91.1	91.6	91.7	91.7	91.8	92.1	92.1	92.3	92.3	92.5	93.2	
85.5	88.7	89.4	90.6	91.4	91.6	92.2	92.3	92.3	92.5	92.7	92.7	92.9	92.9	93.2	93.8	
86.2	89.6	90.3	91.5	92.3	92.5	93.0	93.3	93.3	93.7	93.9	93.9	94.2	94.2	94.6	95.3	
86.5	90.0	90.6	91.8	92.6	92.8	93.4	93.6	93.6	94.0	94.3	94.3	94.5	94.5	94.9	95.6	
86.9	90.4	91.1	92.3	93.0	93.4	94.2	94.4	94.4	94.9	95.1	95.1	95.4	95.4	95.8	96.5	
87.2	90.8	91.5	92.7	93.5	93.8	94.6	94.8	94.8	95.4	95.6	95.6	95.8	95.8	96.2	96.9	
87.3	91.2	91.8	93.2	93.9	94.3	95.0	95.3	95.3	95.8	96.0	96.0	96.2	96.2	96.7	97.4	
87.4	91.5	92.2	93.5	94.3	94.6	95.4	95.6	95.6	96.1	96.4	96.4	96.6	96.6	97.0	97.7	
87.4	91.7	92.4	93.7	94.5	94.8	95.6	95.9	95.9	96.5	96.7	96.7	96.9	96.9	97.4	98.0	
87.5	92.2	92.8	94.2	94.9	95.3	96.0	96.4	96.4	97.0	97.2	97.2	97.6	97.6	98.0	98.7	
87.5	92.3	92.9	94.3	95.0	95.4	96.2	96.7	96.7	97.4	97.6	97.6	98.0	98.0	98.8	99.4	
87.5	92.4	93.0	94.4	95.1	95.5	96.4	96.8	96.8	97.5	97.8	97.8	98.2	98.2	99.1	99.8	
87.5	92.4	93.0	94.4	95.1	95.5	96.4	96.8	96.8	97.5	97.8	97.8	98.2	98.2	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 906

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-12-0 COLD LAKE APT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

47.6	49.2	49.8	50.6	51.1	51.1	51.6	51.6	51.6	51.7	51.9	51.9	52.0	52.0	52.0	52.2
52.2	53.8	54.4	55.2	55.8	55.8	56.3	56.3	56.3	56.4	56.6	56.6	56.7	56.7	56.7	57.0
52.2	53.8	54.4	55.2	55.8	55.8	56.3	56.3	56.3	56.4	56.6	56.6	56.7	56.7	56.7	57.0
52.2	53.8	54.4	55.2	55.8	55.8	56.3	56.3	56.3	56.4	56.6	56.6	56.7	56.7	56.7	57.0
52.8	54.4	54.9	55.7	56.4	56.4	56.9	56.9	56.9	57.0	57.2	57.2	57.3	57.3	57.3	57.5
56.4	58.2	58.8	59.6	60.2	60.2	60.8	60.8	60.8	60.9	61.1	61.1	61.2	61.2	61.2	61.5
63.3	65.5	66.2	67.1	67.8	67.8	68.3	68.3	68.3	68.4	68.7	68.7	68.8	68.8	68.8	69.0
67.2	69.6	70.2	71.3	72.1	72.1	72.7	72.8	72.8	72.9	73.1	73.1	73.3	73.3	73.3	73.5
70.6	72.9	73.6	74.7	75.5	75.5	76.1	76.2	76.2	76.3	76.5	76.5	76.6	76.6	76.6	76.9
72.9	75.3	76.0	77.2	78.2	78.2	78.8	78.9	78.9	79.0	79.2	79.2	79.3	79.3	79.3	79.6
74.4	76.7	77.4	78.8	79.8	79.8	80.3	80.4	80.4	80.6	80.8	80.8	80.9	80.9	80.9	81.1
75.1	77.4	78.1	79.4	80.6	80.6	81.1	81.2	81.2	81.3	81.6	81.6	81.7	81.7	81.7	81.9
75.5	77.9	78.5	79.9	81.0	81.0	81.6	81.8	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.5
77.4	79.8	80.6	81.9	83.1	83.1	83.7	84.0	84.0	84.2	84.4	84.4	84.5	84.5	84.5	84.7
77.9	80.2	81.0	82.4	83.6	83.6	84.2	84.5	84.5	84.6	84.8	84.8	84.9	84.9	84.9	85.2
78.4	80.8	81.6	82.9	84.2	84.2	84.8	85.3	85.3	85.4	85.6	85.6	85.7	85.7	85.7	86.0
79.0	81.3	82.1	83.7	84.9	84.9	85.6	86.1	86.1	86.2	86.4	86.4	86.5	86.5	86.5	86.7
80.2	82.9	83.7	85.4	86.7	86.7	87.4	87.9	87.9	88.0	88.2	88.2	88.3	88.3	88.3	88.5
80.6	83.3	84.0	85.7	87.1	87.1	87.8	88.2	88.2	88.3	88.5	88.5	88.7	88.7	88.7	88.9
81.6	84.3	85.2	86.9	88.3	88.3	89.0	89.4	89.4	89.6	89.8	89.8	89.9	89.9	89.9	90.1
82.4	85.3	86.3	88.0	89.7	89.7	90.6	91.0	91.0	91.1	91.3	91.3	91.5	91.5	91.5	91.7
83.1	86.5	87.5	89.2	90.9	90.9	91.9	92.4	92.4	92.5	92.7	92.7	92.8	92.8	92.8	93.0
83.7	87.2	88.2	90.0	91.7	91.7	92.7	93.1	93.1	93.3	93.5	93.5	93.6	93.6	93.6	93.8
84.7	88.3	89.3	91.2	92.9	92.9	94.2	94.6	94.6	94.7	94.9	94.9	95.1	95.1	95.1	95.3
84.9	88.8	89.8	91.6	93.5	93.5	94.7	95.2	95.2	95.3	95.6	95.6	95.7	95.7	95.7	96.0
85.4	89.4	90.4	92.5	94.2	94.2	95.4	95.8	95.8	96.0	96.3	96.3	96.4	96.4	96.4	96.6
85.5	89.6	90.7	92.8	94.7	94.7	96.0	96.4	96.4	96.6	97.0	97.0	97.1	97.1	97.1	97.3
86.0	90.0	91.1	93.3	95.4	95.4	96.6	97.1	97.1	97.3	97.6	97.6	97.9	98.0	98.0	98.2
86.2	90.3	91.6	93.7	96.0	96.0	97.2	97.6	97.6	98.0	98.5	98.5	98.9	99.0	99.1	99.3
86.2	90.4	91.7	93.8	96.1	96.2	97.5	98.0	98.0	98.3	98.9	98.9	99.2	99.3	99.6	99.8
86.2	90.4	91.7	93.8	96.1	96.2	97.5	98.0	98.0	98.3	98.9	98.9	99.3	99.4	99.7	99.9
86.2	90.4	91.7	93.6	96.1	96.2	97.5	98.0	98.0	98.3	98.9	98.9	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 890

USAF ETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

712600 COLD LAKE APT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

47.6	48.9	49.1	49.2	49.4	49.5	49.5	49.8	49.8	49.8	49.9	49.9	50.2	50.2	50.2	50.2
53.8	55.2	55.3	55.4	55.6	55.7	55.7	56.1	56.1	56.1	56.2	56.2	56.4	56.4	56.4	56.4
53.9	55.3	55.4	55.5	55.7	55.8	55.8	56.2	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.5
53.9	55.3	55.4	55.5	55.7	55.8	55.8	56.2	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.5
55.6	57.0	57.2	57.3	57.5	57.6	57.6	58.0	58.0	58.0	58.1	58.1	58.3	58.3	58.3	58.3
59.0	60.4	60.6	60.7	61.0	61.1	61.1	61.4	61.4	61.4	61.5	61.5	61.7	61.7	61.7	61.7
63.7	65.3	65.5	65.6	65.9	66.0	66.1	66.4	66.4	66.4	66.5	66.5	66.7	66.7	66.7	66.7
67.1	68.6	68.9	69.1	69.3	69.4	69.5	69.9	69.9	69.9	70.0	70.0	70.2	70.2	70.2	70.2
69.7	71.3	71.5	71.9	72.2	72.3	72.4	72.7	72.7	72.7	72.9	72.9	73.1	73.1	73.1	73.1
71.2	72.7	73.1	73.7	74.1	74.2	74.3	74.6	74.6	74.6	74.7	74.7	75.0	75.0	75.0	75.0
71.7	73.3	73.6	74.3	74.6	74.7	74.9	75.2	75.2	75.2	75.3	75.3	75.5	75.5	75.5	75.5
72.5	74.1	74.4	75.1	75.4	75.5	75.6	76.0	76.0	76.0	76.1	76.1	76.3	76.3	76.3	76.3
73.1	74.5	75.0	75.6	76.1	76.2	76.3	76.6	76.6	76.6	76.8	76.8	77.0	77.0	77.0	77.0
74.4	76.0	76.3	77.0	77.4	77.5	77.6	78.0	78.0	78.0	78.1	78.1	78.3	78.3	78.3	78.3
75.3	76.9	77.2	78.0	78.4	78.5	78.6	79.0	79.0	79.0	79.1	79.1	79.3	79.3	79.3	79.3
77.5	79.1	79.5	80.3	80.9	81.0	81.1	81.4	81.4	81.4	81.5	81.5	81.8	81.8	81.8	81.8
80.0	81.5	82.0	82.8	83.4	83.5	83.6	84.0	84.0	84.0	84.1	84.1	84.3	84.3	84.3	84.3
83.0	84.5	85.0	85.8	86.5	86.7	86.8	87.1	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4
83.5	95.1	85.5	86.3	87.1	87.2	87.3	87.7	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0
85.3	87.1	87.5	88.4	89.2	89.3	89.4	89.9	89.9	89.9	90.0	90.0	90.2	90.2	90.2	90.2
87.0	89.1	89.5	90.4	91.3	91.4	91.7	92.1	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4
88.3	90.7	91.1	92.0	93.0	93.1	93.3	93.8	93.8	93.8	93.9	93.9	94.1	94.1	94.1	94.1
89.0	91.5	92.1	93.0	94.0	94.1	94.3	94.8	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1
90.1	93.1	93.8	94.8	95.9	96.0	96.2	96.7	96.7	96.7	96.8	96.8	97.0	97.0	97.0	97.0
90.3	93.5	94.2	95.2	96.3	96.4	96.7	97.1	97.1	97.1	97.2	97.2	97.4	97.4	97.4	97.4
90.8	94.1	94.9	95.9	97.1	97.2	97.4	97.9	97.9	97.9	98.0	98.0	98.2	98.2	98.2	98.2
91.2	94.9	95.8	96.8	98.0	98.1	98.3	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1
91.3	95.1	96.1	97.3	98.6	98.7	99.1	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9
91.3	95.1	96.1	97.4	98.7	98.8	99.2	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
91.3	95.1	96.1	97.4	98.7	98.8	99.2	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
91.3	95.1	96.1	97.4	98.7	98.8	99.2	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
91.3	95.1	96.1	97.4	98.7	98.8	99.2	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:12 0 COLD LAKE APT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

41.2	42.2	42.7	43.0	43.2	43.2	43.2	43.3	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5
50.5	51.6	52.1	52.4	52.5	52.5	52.5	52.6	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9
50.5	51.6	52.1	52.4	52.5	52.5	52.5	52.6	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9
50.7	51.8	52.3	52.6	52.7	52.7	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1
51.6	52.7	53.5	53.9	54.0	54.0	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
54.3	55.5	56.3	56.6	56.7	56.7	56.7	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
60.6	61.9	62.7	63.0	63.1	63.1	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5
63.4	64.6	65.4	65.8	65.9	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
65.5	66.9	67.7	68.0	68.3	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
67.0	68.5	69.3	69.6	69.9	69.9	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
67.4	68.8	69.6	70.0	70.2	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
69.5	71.1	71.9	72.3	72.5	72.5	72.5	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
72.4	74.0	74.8	75.2	75.5	75.5	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
76.6	78.2	79.0	79.5	79.7	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
78.1	79.8	80.6	81.1	81.3	81.3	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
82.8	84.7	85.5	86.1	86.4	86.4	86.4	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8
86.0	87.9	88.7	89.3	89.6	89.6	89.6	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
88.6	90.6	91.7	92.2	92.7	92.7	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
88.8	91.0	92.0	92.6	93.2	93.2	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
90.5	92.9	93.9	94.7	95.3	95.3	95.3	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7
91.7	94.1	95.1	95.9	96.5	96.5	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
91.8	94.4	95.5	96.5	97.3	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
92.1	94.9	96.0	96.9	97.8	97.8	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
93.0	95.8	96.9	97.8	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
93.3	96.2	97.4	98.4	99.3	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
93.3	96.2	97.4	98.4	99.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
93.3	96.2	97.4	98.4	99.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
93.3	96.2	97.4	98.4	99.3	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
93.3	96.2	97.4	98.4	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.3	96.2	97.4	98.4	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.3	96.2	97.4	98.4	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.3	96.2	97.4	98.4	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 876

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12 0 COLD LAKE APT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

45.2	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
55.1	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
55.4	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
55.5	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
56.0	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
59.6	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
56.0	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.2	67.3	67.3	67.3	67.3
68.9	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.1	70.2	70.2	70.2	70.2
73.0	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.2	74.4	74.4	74.4	74.4
75.1	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.4	76.5	76.5	76.5	76.5
76.0	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.2	77.3	77.4	77.4	77.4	77.4
79.1	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.4	80.5	80.5	80.5	80.5
81.1	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.4	82.5	82.6	82.6	82.6	82.6
84.4	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.1	86.2	86.2	86.2	86.2
86.0	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.9	88.0	88.1	88.1	88.1	88.1
89.4	90.9	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.7	91.8	91.9	91.9	91.9	91.9
90.9	92.5	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.4	93.5	93.6	93.6	93.6	93.6
93.1	94.8	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4
93.4	95.2	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.5	96.6	96.8	96.8	96.8	96.8
94.4	96.3	96.9	97.2	97.5	97.5	97.8	97.8	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2
94.7	96.6	97.2	97.5	97.9	97.9	98.1	98.1	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5
94.7	96.6	97.2	97.5	97.9	97.9	98.1	98.1	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5
95.0	96.9	97.4	97.8	98.1	98.1	98.3	98.3	98.3	98.4	98.5	98.7	98.8	98.8	98.8	98.8
95.3	97.2	97.8	98.1	98.4	98.4	98.7	98.7	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1
95.5	97.4	98.2	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7
95.5	97.4	98.2	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
95.5	97.4	98.2	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
95.5	97.4	98.2	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
95.5	97.4	98.2	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
95.5	97.4	98.2	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
95.5	97.4	98.2	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
95.5	97.4	98.2	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	55.3	55.8	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	63.0	63.7	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	63.0	63.7	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	63.0	63.7	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	64.0	64.6	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	67.0	67.7	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	73.6	74.3	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.3	75.3	75.5	75.5	75.5	75.5
≥ 9000	76.2	77.1	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.3	78.4	78.4	78.6	78.6	78.6	78.6
≥ 8000	81.0	82.0	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.3	83.3	83.5	83.5	83.5	83.5
≥ 7000	83.4	84.4	85.0	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.7	85.7	85.9	85.9	85.9	85.9
≥ 6000	84.6	85.6	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.8	86.8	87.1	87.1	87.1	87.1
≥ 5000	86.3	87.5	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0
≥ 4500	87.4	88.7	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.9	89.9	90.2	90.2	90.2	90.2
≥ 4000	89.0	90.4	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.6	91.8	91.8	92.0	92.0	92.0	92.0
≥ 3500	90.3	91.8	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.5	93.5	93.5	93.5
≥ 3000	91.6	93.1	93.7	94.2	94.5	94.5	94.5	94.5	94.5	94.6	94.7	94.7	95.0	95.0	95.0	95.0
≥ 2500	92.2	93.8	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.7	95.7	95.7	95.7
≥ 2000	92.7	94.3	94.9	95.5	95.9	95.9	95.9	95.9	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.3
≥ 1800	93.1	94.7	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.5	96.6	96.6	96.8	96.8	96.8	96.8
≥ 1500	93.8	95.4	96.0	96.8	97.1	97.1	97.1	97.1	97.1	97.3	97.4	97.4	97.6	97.6	97.6	97.6
≥ 1200	94.3	95.9	96.6	97.4	97.8	97.8	97.9	97.9	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4
≥ 1000	94.4	96.0	96.7	97.5	97.9	97.9	98.1	98.1	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5
≥ 900	94.4	96.1	96.8	97.6	98.3	98.3	98.4	98.4	98.4	98.5	98.6	98.6	98.9	98.9	98.9	98.9
≥ 800	94.6	96.7	97.4	98.2	98.9	98.9	99.0	99.0	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5
≥ 700	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	94.7	96.8	97.5	98.3	99.1	99.1	99.2	99.3	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 874

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

711200 COLD LAKE APT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEIL	64.6	65.7	66.0	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥20000	69.1	70.3	70.7	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥18000	69.1	70.3	70.7	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥16000	69.2	70.4	70.8	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥14000	69.3	70.6	70.9	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥12000	71.2	72.4	72.8	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥10000	76.3	77.6	77.9	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥9000	78.7	80.0	80.3	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥8000	82.9	84.2	84.6	85.0	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥7000	85.1	86.4	86.8	87.2	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥6000	86.2	87.9	88.3	88.8	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥5000	88.0	89.7	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥4500	88.7	90.3	90.8	91.2	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥4000	89.2	91.0	91.4	91.9	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥3500	89.9	91.7	92.1	92.6	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥3000	91.1	92.9	93.3	93.8	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥2500	91.4	93.2	93.7	94.1	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥2000	92.0	93.8	94.2	94.7	95.3	95.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1800	92.2	94.0	94.4	94.9	95.6	95.6	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥1500	92.8	94.6	95.0	95.4	96.1	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥1200	93.1	95.1	95.7	96.1	96.9	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥1000	93.2	95.3	96.1	96.6	97.4	97.4	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥900	93.2	95.3	96.1	96.6	97.4	97.4	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥800	93.2	95.4	96.2	96.7	97.6	97.6	97.7	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥700	93.2	95.7	96.4	97.0	97.9	97.9	98.0	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥600	93.6	96.3	97.1	97.7	98.6	98.6	98.7	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥500	93.8	96.6	97.3	97.9	98.8	98.8	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	93.9	96.7	97.4	98.0	98.9	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7112 0 COLD LAKE APT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

51.8	52.9	53.2	53.5	53.8	53.8	53.9	53.9	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.3
57.8	58.9	59.2	59.5	59.8	59.9	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.3	60.4
57.8	58.9	59.2	59.6	59.9	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.5
57.9	59.0	59.3	59.6	59.9	60.0	60.1	60.1	60.1	60.2	60.3	60.3	60.4	60.4	60.4	60.5
58.6	59.7	60.1	60.4	60.8	60.8	60.9	60.9	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.4
61.7	62.8	63.2	63.5	63.9	63.9	64.0	64.0	64.1	64.1	64.2	64.2	64.3	64.3	64.4	64.5
67.9	69.2	69.6	70.0	70.3	70.4	70.5	70.5	70.5	70.6	70.7	70.8	70.9	70.9	70.9	71.1
70.9	72.3	72.7	73.1	73.5	73.5	73.6	73.7	73.7	73.8	73.9	73.9	74.0	74.0	74.1	74.2
74.5	75.9	76.4	76.8	77.2	77.3	77.4	77.5	77.5	77.6	77.7	77.7	77.8	77.8	77.9	78.0
76.6	78.1	78.6	79.1	79.5	79.6	79.7	79.8	79.8	79.9	80.0	80.0	80.1	80.1	80.2	80.3
77.5	79.1	79.6	80.1	80.6	80.6	80.8	80.8	80.8	80.9	81.0	81.1	81.2	81.2	81.3	81.4
79.1	80.8	81.3	81.8	82.3	82.4	82.5	82.5	82.6	82.6	82.8	82.8	82.9	82.9	83.0	83.1
80.2	81.9	82.4	83.0	83.5	83.5	83.6	83.7	83.7	83.8	84.0	84.0	84.1	84.1	84.2	84.3
82.2	84.0	84.5	85.1	85.7	85.7	85.8	85.9	85.9	86.0	86.2	86.2	86.3	86.3	86.4	86.5
83.1	84.9	85.5	86.1	86.7	86.7	86.8	86.9	87.0	87.0	87.2	87.2	87.3	87.3	87.4	87.5
85.0	87.0	87.5	88.1	88.8	88.8	89.0	89.1	89.1	89.2	89.3	89.3	89.5	89.5	89.5	89.6
86.2	88.2	88.8	89.4	90.1	90.1	90.3	90.4	90.4	90.5	90.6	90.6	90.8	90.8	90.8	91.0
87.9	90.0	90.6	91.3	92.0	92.1	92.2	92.4	92.4	92.5	92.6	92.6	92.8	92.8	92.8	93.0
88.2	90.3	90.9	91.6	92.4	92.4	92.6	92.7	92.7	92.8	93.0	93.0	93.1	93.1	93.2	93.3
89.2	91.4	92.0	92.8	93.6	93.7	93.9	94.0	94.0	94.1	94.3	94.3	94.4	94.4	94.5	94.6
90.0	92.3	92.9	93.8	94.6	94.7	94.9	95.1	95.1	95.2	95.3	95.4	95.5	95.5	95.6	95.7
90.4	92.8	93.5	94.4	95.3	95.4	95.7	95.8	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.6
90.7	93.2	93.9	94.8	95.8	95.8	96.1	96.3	96.3	96.5	96.6	96.6	96.8	96.8	96.9	97.0
91.2	93.9	94.6	95.5	96.5	96.5	96.9	97.1	97.1	97.3	97.4	97.5	97.6	97.6	97.7	97.8
91.3	94.2	95.0	95.9	96.9	97.0	97.3	97.5	97.6	97.8	97.9	98.0	98.1	98.1	98.2	98.3
91.5	94.5	95.3	96.3	97.3	97.4	97.8	98.0	98.0	98.2	98.4	98.4	98.5	98.5	98.6	98.8
91.7	94.7	95.5	96.5	97.6	97.7	98.1	98.3	98.3	98.6	98.7	98.7	98.9	98.9	99.0	99.1
91.8	94.8	95.6	96.7	97.8	97.9	98.3	98.5	98.6	98.8	99.0	99.0	99.1	99.1	99.2	99.4
91.8	94.9	95.7	96.8	98.0	98.0	98.4	98.7	98.7	99.0	99.2	99.2	99.4	99.4	99.5	99.6
91.8	95.0	95.8	96.9	98.1	98.1	98.6	98.8	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.9
91.8	95.0	95.8	96.9	98.1	98.2	98.6	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.8	100.0
91.8	95.0	95.8	96.9	98.1	98.2	98.6	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7129

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7112.0 COLD LAKE APT CN 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

VISIBILITY STATUTE MILES

2	2½	3	3½	4	5	6	7	8	9	10	11	12	13	14	15	16
52.8	53.2	53.9	53.9	54.5	54.5	54.6	54.6	54.6	54.8	55.2	55.2	55.3	55.3	55.5	55.5	
56.0	56.4	57.1	57.1	57.7	57.7	57.8	57.9	57.9	58.2	58.6	58.6	58.7	58.7	58.9	58.9	
56.0	56.4	57.1	57.1	57.7	57.7	57.8	57.9	57.9	58.2	58.6	58.6	58.7	58.7	58.9	58.9	
56.0	56.4	57.1	57.1	57.7	57.7	57.8	57.9	57.9	58.2	58.6	58.6	58.7	58.7	58.9	58.9	
56.1	56.5	57.2	57.2	57.8	57.8	57.9	58.0	58.0	58.3	58.7	58.7	58.8	58.8	59.0	59.0	
61.7	62.3	63.0	63.0	63.6	63.6	63.7	63.8	63.8	64.1	64.5	64.5	64.6	64.6	64.8	64.8	
69.0	69.7	70.4	70.4	70.9	70.9	71.1	71.2	71.2	71.5	71.9	71.9	72.0	72.0	72.2	72.2	
70.8	71.5	72.2	72.2	72.8	72.8	72.9	73.0	73.0	73.3	73.7	73.7	73.8	73.8	74.0	74.0	
72.3	73.0	73.7	73.7	74.2	74.2	74.3	74.5	74.5	74.8	75.1	75.1	75.3	75.3	75.5	75.5	
74.0	74.7	75.4	75.4	75.9	75.9	76.0	76.2	76.2	76.5	76.8	76.8	77.0	77.0	77.2	77.2	
74.5	75.1	75.8	75.8	76.4	76.4	76.5	76.6	76.6	77.0	77.3	77.3	77.4	77.4	77.6	77.6	
76.2	76.8	77.5	77.5	78.1	78.1	78.2	78.3	78.3	78.7	79.0	79.0	79.1	79.1	79.3	79.3	
76.4	77.1	77.8	77.8	78.3	78.3	78.4	78.5	78.5	78.9	79.2	79.2	79.3	79.3	79.6	79.6	
77.6	78.4	79.2	79.2	79.8	79.8	79.9	80.0	80.0	80.4	80.7	80.7	80.8	80.8	81.0	81.0	
78.5	79.3	80.1	80.1	80.7	80.7	80.8	80.9	80.9	81.3	81.6	81.6	81.7	81.7	82.0	82.0	
81.2	82.2	83.0	83.0	83.5	83.5	83.7	83.8	83.8	84.1	84.4	84.4	84.6	84.6	84.8	84.8	
82.7	83.8	84.6	84.6	85.1	85.1	85.2	85.4	85.4	85.7	86.0	86.0	86.2	86.2	86.4	86.4	
84.7	86.2	86.9	87.1	87.6	87.6	87.7	87.9	87.9	88.2	88.5	88.5	88.6	88.6	88.9	88.9	
84.9	86.5	87.3	87.4	88.0	88.0	88.1	88.2	88.2	88.5	88.9	88.9	89.0	89.0	89.2	89.2	
85.9	87.6	88.4	88.5	89.1	89.1	89.2	89.3	89.3	89.7	90.0	90.0	90.1	90.1	90.4	90.4	
88.0	89.7	90.6	91.0	91.6	91.6	91.7	91.8	91.8	92.2	92.5	92.5	92.6	92.6	92.8	92.8	
88.9	90.9	91.8	92.5	93.1	93.1	93.2	93.3	93.3	93.8	94.1	94.1	94.2	94.2	94.4	94.4	
89.2	91.4	92.6	93.3	93.9	93.9	94.0	94.1	94.1	94.7	95.0	95.0	95.1	95.1	95.3	95.3	
89.6	91.7	93.0	93.8	94.3	94.3	94.4	94.6	94.6	95.1	95.5	95.5	95.6	95.6	95.8	95.8	
89.7	91.9	93.2	94.3	94.9	94.9	95.0	95.1	95.1	95.8	96.1	96.1	96.3	96.3	96.5	96.5	
90.4	92.6	93.9	95.0	95.7	95.7	95.8	95.9	95.9	96.6	96.9	97.0	97.2	97.2	97.4	97.4	
90.6	92.8	94.1	95.2	96.0	96.0	96.1	96.3	96.3	96.9	97.3	97.4	97.5	97.5	97.7	97.7	
90.7	93.2	94.4	95.6	96.5	96.5	96.6	96.7	96.7	97.4	97.7	97.8	98.0	98.0	98.2	98.2	
90.7	93.8	95.2	96.4	97.4	97.4	97.5	97.6	97.6	98.3	98.6	98.8	99.0	99.0	99.4	99.4	
90.7	93.8	95.2	96.4	97.5	97.6	97.7	97.8	97.8	98.6	99.0	99.1	99.3	99.3	99.8	99.8	
90.7	93.8	95.2	96.4	97.5	97.6	97.7	97.8	97.8	98.6	99.0	99.1	99.4	99.4	99.9	99.9	
90.7	93.8	95.2	96.4	97.5	97.6	97.7	97.8	97.8	98.6	99.0	99.1	99.4	99.4	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7-12-0 COLD LAKE APT CN 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-2500

50.8	51.0	51.4	51.5	51.9	52.2	52.3	52.4	52.4	53.1	53.1	53.1	53.3	53.3	53.9	54.0
54.0	54.2	54.5	54.8	55.2	55.4	55.6	55.7	55.7	56.3	56.3	56.3	56.7	56.7	57.3	57.4
54.0	54.2	54.5	54.8	55.2	55.4	55.6	55.7	55.7	56.3	56.3	56.3	56.7	56.7	57.3	57.4
54.2	54.4	54.8	55.0	55.4	55.7	55.8	55.9	55.9	56.6	56.6	56.6	56.9	56.9	57.5	57.6
55.0	55.2	55.6	55.8	56.2	56.5	56.6	56.7	56.7	57.4	57.4	57.4	57.7	57.7	58.3	58.4
59.1	59.3	59.8	60.0	60.4	60.7	60.8	60.9	60.9	61.6	61.6	61.6	61.9	61.9	62.5	62.6
65.6	65.9	66.3	66.7	67.1	67.3	67.5	67.6	67.6	68.5	68.7	68.7	69.0	69.0	69.6	69.7
68.1	68.5	69.0	69.5	70.0	70.2	70.3	70.5	70.5	71.4	71.7	71.7	72.0	72.0	72.6	72.7
70.6	71.1	71.7	72.1	72.6	72.8	72.9	73.1	73.1	74.0	74.3	74.3	74.6	74.6	75.2	75.3
72.0	72.4	73.0	73.5	73.9	74.1	74.3	74.5	74.5	75.4	75.6	75.6	76.0	76.0	76.5	76.6
72.1	72.6	73.1	73.6	74.0	74.3	74.4	74.6	74.6	75.5	75.7	75.7	76.1	76.1	76.6	76.8
72.6	73.0	73.6	74.0	74.5	74.7	74.8	75.1	75.1	76.0	76.2	76.2	76.5	76.5	77.1	77.2
72.9	73.6	74.1	74.7	75.2	75.4	75.5	75.7	75.7	76.6	76.9	76.9	77.2	77.2	77.8	77.9
74.6	75.3	75.9	76.4	76.9	77.1	77.2	77.4	77.4	78.3	78.6	78.6	78.9	78.9	79.5	79.6
75.3	76.0	76.5	77.1	77.6	77.8	77.9	78.1	78.1	79.0	79.3	79.3	79.6	79.6	80.2	80.3
77.1	77.8	78.3	78.9	79.4	79.6	79.7	79.9	79.9	80.8	81.1	81.1	81.4	81.4	82.0	82.1
78.5	79.1	79.7	80.3	80.8	81.1	81.2	81.4	81.4	82.3	82.5	82.5	82.9	82.9	83.4	83.6
80.2	81.1	81.7	82.4	83.0	83.2	83.3	83.6	83.6	84.5	84.7	84.7	85.0	85.0	85.6	85.7
80.8	81.7	82.4	83.1	83.7	83.9	84.0	84.2	84.2	85.1	85.4	85.4	85.7	85.7	86.3	86.4
84.2	85.5	86.2	87.1	87.6	87.9	88.0	88.2	88.2	89.1	89.3	89.3	89.7	89.7	90.2	90.4
85.6	87.1	87.9	88.9	89.5	89.7	89.8	90.0	90.0	90.9	91.2	91.2	91.5	91.5	92.1	92.2
86.6	88.2	89.5	90.5	91.0	91.3	91.4	91.6	91.6	92.5	92.7	92.7	93.1	93.1	93.7	93.8
87.2	88.8	90.0	91.0	91.6	91.8	92.0	92.2	92.2	93.1	93.3	93.3	93.7	93.7	94.2	94.3
87.3	88.9	90.1	91.2	91.8	92.1	92.2	92.4	92.4	93.3	93.5	93.5	93.9	93.9	94.4	94.6
88.0	89.7	90.9	92.0	92.6	92.9	93.1	93.3	93.3	94.2	94.6	94.6	94.9	94.9	95.5	95.6
88.4	90.4	91.7	92.9	93.5	93.8	94.0	94.2	94.2	95.1	95.5	95.5	95.8	95.8	96.4	96.6
88.7	91.0	92.4	93.5	94.2	94.4	94.7	94.9	94.9	95.8	96.1	96.1	96.5	96.5	97.1	97.3
88.9	91.4	92.7	94.1	94.8	95.0	95.2	95.5	95.5	96.4	96.7	96.7	97.2	97.2	97.7	98.0
88.9	91.5	92.9	94.2	94.9	95.1	95.4	95.6	95.6	96.5	96.8	96.8	97.3	97.3	97.8	98.1
89.1	92.0	93.3	94.9	95.7	95.9	96.3	96.5	96.5	97.6	98.0	98.0	98.5	98.5	99.1	99.3
89.1	92.0	93.3	94.9	95.7	95.9	96.3	96.5	96.5	97.7	98.2	98.3	98.9	98.9	99.4	100.0
89.1	92.0	93.3	94.9	95.7	95.9	96.3	96.5	96.5	97.7	98.2	98.3	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 882

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

45.0	46.3	46.9	47.4	47.7	47.7	48.0	48.2	48.2	48.8	49.1	49.1	49.3	49.4	49.8	50.0
49.2	50.5	51.1	51.5	51.9	51.9	52.1	52.4	52.4	53.0	53.2	53.2	53.4	53.7	54.1	54.5
49.3	50.6	51.2	51.7	52.0	52.0	52.3	52.5	52.5	53.1	53.3	53.3	53.6	53.8	54.3	54.6
49.5	50.8	51.4	51.9	52.3	52.3	52.5	52.7	52.7	53.3	53.6	53.6	53.8	54.0	54.5	54.9
51.1	52.4	53.0	53.4	53.8	53.8	54.0	54.3	54.3	54.9	55.1	55.1	55.3	55.6	56.0	56.4
55.3	56.6	57.2	57.7	58.2	58.2	58.4	58.6	58.6	59.4	59.6	59.6	59.8	60.1	60.5	60.9
61.1	62.7	63.3	64.1	64.6	64.6	64.8	65.0	65.0	65.8	66.1	66.4	65.7	66.9	67.4	67.8
63.5	65.2	66.1	66.9	67.4	67.4	67.7	67.9	67.9	68.6	69.0	69.2	69.5	69.8	70.3	70.6
66.4	68.1	69.1	69.9	70.4	70.4	70.6	70.9	70.9	71.6	71.9	72.2	72.5	72.7	73.2	73.6
67.5	69.3	70.3	71.1	71.6	71.6	71.8	72.0	72.0	72.7	73.1	73.3	73.7	73.9	74.4	74.8
67.9	69.7	70.6	71.4	71.9	71.9	72.2	72.4	72.4	73.1	73.5	73.7	74.1	74.3	74.8	75.1
68.8	70.6	71.6	72.4	72.9	72.9	73.1	73.3	73.3	74.1	74.4	74.6	75.0	75.2	75.7	76.1
69.9	71.7	72.7	73.6	74.1	74.1	74.3	74.5	74.5	75.2	75.6	75.8	76.2	76.4	76.9	77.3
70.9	72.6	73.7	74.5	75.1	75.1	75.4	75.6	75.6	76.3	76.7	76.9	77.3	77.5	78.0	78.3
71.8	73.6	74.6	75.5	76.1	76.1	76.3	76.5	76.5	77.3	77.6	77.8	78.2	78.4	78.9	79.3
73.0	74.8	75.8	76.7	77.4	77.4	77.6	77.8	77.8	78.6	78.9	79.1	79.5	79.7	80.2	80.6
73.9	75.9	77.0	77.8	78.6	78.6	78.8	79.0	79.0	79.7	80.1	80.3	80.7	80.9	81.4	81.8
75.9	78.0	79.0	80.2	80.9	80.9	81.2	81.4	81.4	82.1	82.5	82.7	83.1	83.3	83.8	84.1
76.4	78.4	79.6	80.8	81.5	81.5	81.8	82.0	82.0	82.7	83.1	83.3	83.6	83.9	84.4	84.7
78.6	80.6	81.9	83.1	83.9	84.0	84.2	84.5	84.5	85.2	85.5	85.8	86.1	86.4	86.8	87.2
80.0	82.0	83.4	84.7	85.5	85.7	85.9	86.1	86.1	86.8	87.2	87.4	87.8	88.0	88.5	88.9
81.5	83.6	85.1	86.5	87.3	87.4	87.7	87.9	87.9	88.6	89.0	89.2	89.6	89.8	90.3	90.6
82.0	84.2	85.7	87.1	87.9	88.0	88.3	88.5	88.5	89.2	89.6	89.8	90.2	90.4	90.9	91.2
82.6	85.0	86.4	87.8	88.6	88.7	89.1	89.3	89.3	90.0	90.4	90.6	91.0	91.2	91.7	92.1
83.4	85.9	87.3	89.0	90.0	90.2	90.6	90.9	90.9	91.7	92.2	92.4	92.8	93.0	93.5	93.8
83.9	86.8	88.4	90.3	91.4	91.6	92.1	92.5	92.5	93.5	94.0	94.2	94.5	94.8	95.3	95.6
84.8	88.0	89.6	91.5	92.7	92.9	93.4	93.8	93.8	94.8	95.3	95.5	95.9	96.1	96.6	96.9
85.0	88.3	89.8	91.8	93.0	93.2	93.8	94.3	94.3	95.3	95.7	96.0	96.3	96.6	97.0	97.4
85.4	88.9	90.5	92.8	94.1	94.3	95.0	95.5	95.5	96.4	97.0	97.3	97.6	97.9	98.3	98.7
85.7	89.1	90.8	93.0	94.3	94.7	95.4	95.9	95.9	96.9	97.5	97.7	98.3	98.6	99.2	99.5
85.7	89.1	90.8	93.0	94.3	94.7	95.4	95.9	95.9	97.2	97.7	98.0	98.7	98.9	99.6	100.0
85.7	89.1	90.8	93.0	94.3	94.7	95.4	95.9	95.9	97.2	97.7	98.0	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 844

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12E0 COLD LAKE APT CN 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY (STATUTE MILES)

CEILING (FEET)	20	26	31	24	[illegible]	22	21	2[illegible]	2[illegible]	2[illegible]	2[illegible]	2[illegible]	2[illegible]	2[illegible]	[illegible]	[illegible]
[illegible]	46.0	46.6	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.6
[illegible]	52.6	53.2	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.2
[illegible]	52.7	53.4	53.7	53.7	53.7	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.3
[illegible]	52.7	53.4	53.7	53.7	53.7	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.3
[illegible]	53.5	54.2	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	55.1
[illegible]	57.0	57.8	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.7
[illegible]	61.4	62.2	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.1
[illegible]	63.3	64.1	64.4	64.7	64.7	64.7	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.3
[illegible]	64.7	65.5	65.9	66.2	66.2	66.2	66.2	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.7	66.8
[illegible]	67.1	67.9	68.3	68.6	68.6	68.6	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.1	69.2
[illegible]	67.7	68.5	68.8	69.2	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.7
[illegible]	68.3	69.1	69.4	69.7	69.7	69.7	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.3
[illegible]	68.8	69.6	70.1	70.5	70.5	70.5	70.5	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.1
[illegible]	69.9	70.6	71.1	71.6	71.6	71.6	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.1
[illegible]	70.3	71.1	71.6	72.0	72.1	72.1	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.7
[illegible]	71.8	72.7	73.2	73.6	73.7	73.7	73.7	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.3	74.4
[illegible]	73.4	74.5	75.0	75.5	75.7	75.7	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.3
[illegible]	76.5	77.7	78.4	79.2	79.3	79.3	79.3	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.9	80.0
[illegible]	77.8	79.1	79.9	80.7	80.8	80.8	80.8	81.0	81.0	81.1	81.1	81.1	81.3	81.3	81.5	81.6
[illegible]	81.0	82.3	83.0	83.8	84.0	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.6	84.8
[illegible]	83.5	84.9	85.7	86.5	86.6	86.6	86.6	86.8	86.8	86.9	86.9	86.9	87.1	87.1	87.3	87.4
[illegible]	85.0	86.5	87.4	88.2	88.3	88.3	88.4	88.6	88.6	88.7	88.7	88.7	89.0	89.0	89.1	89.2
[illegible]	85.9	87.4	88.3	89.2	89.3	89.4	89.5	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.2	90.3
[illegible]	87.1	88.9	89.9	91.0	91.4	91.5	91.7	91.9	91.9	92.2	92.2	92.2	92.4	92.4	92.5	92.6
[illegible]	87.9	89.8	91.1	92.3	92.8	93.1	93.3	93.5	93.5	93.7	93.9	93.9	94.1	94.1	94.2	94.3
[illegible]	89.2	91.1	92.9	94.3	95.0	95.4	95.8	96.0	96.0	96.2	96.4	96.4	96.6	96.6	96.7	96.8
[illegible]	89.5	91.7	93.5	94.9	95.9	96.4	97.0	97.3	97.3	97.5	97.6	97.6	97.8	97.8	98.0	98.1
[illegible]	89.8	92.2	94.0	95.3	96.5	96.9	97.6	98.0	98.0	98.3	98.5	98.5	98.7	98.7	98.9	99.0
[illegible]	89.9	92.3	94.3	95.7	96.9	97.4	98.1	98.4	98.4	98.9	99.1	99.1	99.3	99.3	99.4	99.5
[illegible]	89.9	92.3	94.3	95.7	97.0	97.5	98.2	98.6	98.6	99.1	99.3	99.3	99.7	99.7	99.8	99.9
[illegible]	89.9	92.3	94.3	95.7	97.0	97.5	98.2	98.6	98.6	99.2	99.4	99.4	99.8	99.8	99.9	100.0
[illegible]	89.9	92.3	94.3	95.7	97.0	97.5	98.2	98.6	98.6	99.2	99.4	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 879

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12.0 COLD LAKE APT CN 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

45.2	45.5	45.5	45.5	45.5	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
51.9	52.3	52.3	52.3	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
52.0	52.4	52.4	52.4	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
52.3	52.6	52.6	52.6	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
52.8	53.2	53.2	53.2	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
55.3	55.6	55.6	55.6	55.6	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
60.3	60.8	60.8	60.8	60.8	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
62.1	62.5	62.5	62.5	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
63.5	63.9	63.9	63.9	63.9	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
65.0	65.4	65.4	65.4	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
65.5	66.0	66.0	66.0	66.0	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
66.8	67.3	67.3	67.3	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.5	67.6
68.6	69.0	69.0	69.0	69.0	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
71.1	71.6	71.6	71.6	71.6	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
72.5	72.9	72.9	72.9	72.9	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
76.8	77.3	77.3	77.3	77.3	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
80.7	81.3	81.3	81.3	81.3	81.5	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
85.1	86.0	86.0	86.0	86.0	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
86.1	87.1	87.1	87.2	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
87.9	88.9	88.9	89.0	89.0	89.2	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
89.8	91.1	91.1	91.2	91.3	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
90.8	92.6	92.7	92.8	93.1	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
91.3	93.3	93.6	93.8	94.1	94.3	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
92.0	94.6	95.0	95.1	95.5	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
92.3	95.1	95.7	96.0	96.6	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
93.1	96.1	97.0	97.6	98.3	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
93.1	96.1	97.0	97.8	98.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.1	96.1	97.0	97.8	98.6	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
93.1	96.1	97.0	97.8	98.6	99.0	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.1	96.1	97.0	97.8	98.6	99.0	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.1	96.1	97.0	97.8	98.6	99.0	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.1	96.1	97.0	97.8	98.6	99.0	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 665

USAFETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71120 COLD LAKE APT CN 73-62 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

46.6	47.0	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
55.2	55.5	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
55.4	55.7	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
55.4	55.7	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
56.6	57.0	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
59.0	59.4	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
65.0	65.4	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
67.5	67.9	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
68.7	69.0	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
69.9	70.3	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
70.2	70.7	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
72.2	72.6	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
73.8	74.2	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
75.4	75.9	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
77.8	78.4	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
82.5	83.2	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
84.7	85.4	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
88.3	89.0	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
88.5	89.4	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
89.9	90.9	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
91.0	92.3	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
92.5	93.9	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
92.8	94.1	95.1	95.5	95.9	95.9	95.9	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
92.9	94.4	95.4	96.0	96.4	96.4	96.4	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8
92.9	94.4	95.6	96.3	97.1	97.1	97.2	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
93.0	94.9	96.2	97.0	98.6	98.8	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
93.0	94.9	96.2	97.0	98.8	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
93.0	95.2	96.4	97.2	99.2	99.4	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
93.0	95.2	96.4	97.2	99.3	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.0	95.2	96.4	97.2	99.3	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.0	95.2	96.4	97.2	99.3	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
93.0	95.2	96.4	97.2	99.3	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 869

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

712?0 COLD LAKE APT ON 73-67 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

52.0	52.5	52.8	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
59.1	59.1	59.3	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
59.1	59.1	59.3	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
59.1	59.1	59.3	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
60.0	60.0	60.2	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
63.1	63.1	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
66.1	66.1	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
71.1	71.1	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
73.4	73.5	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
75.4	75.5	75.7	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
76.5	76.6	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
77.3	77.5	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
78.6	78.8	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
80.3	80.5	80.8	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
81.9	82.1	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
84.6	85.3	85.7	86.0	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
85.7	86.8	87.3	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
88.9	90.1	90.5	90.9	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
88.9	90.4	90.7	91.2	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
89.7	91.3	91.9	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
91.2	93.2	93.6	94.1	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
92.0	94.1	94.8	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
92.1	94.2	94.9	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
92.4	94.5	95.7	96.6	97.1	97.1	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8
92.6	94.8	95.7	97.2	97.7	97.7	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4
92.7	94.9	95.8	97.6	98.4	98.4	98.7	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1
92.8	95.0	96.1	97.8	98.8	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9
92.8	95.0	96.1	97.8	98.8	99.0	99.3	99.4	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 865

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7012 3 COLD LAKE APT CN 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

53.8	53.9	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8
57.9	58.0	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0
57.9	58.0	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0
57.9	58.0	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0
56.6	58.7	59.1	59.1	59.4	59.4	59.4	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7
62.1	62.3	62.8	62.8	63.0	63.0	63.0	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
69.0	69.4	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4
71.2	71.5	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
72.9	73.6	74.0	74.0	74.3	74.3	74.3	74.5	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9
74.0	74.7	75.1	75.1	75.5	75.5	75.5	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0
74.8	75.5	75.9	75.9	76.3	76.3	76.3	76.4	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8
76.0	76.7	77.2	77.2	77.5	77.5	77.5	77.6	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1
77.5	78.2	78.7	78.7	79.1	79.1	79.1	79.2	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7
78.8	79.5	79.9	79.9	80.4	80.4	80.4	80.5	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9
79.5	80.1	80.6	80.6	81.0	81.0	81.0	81.2	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6
83.8	84.9	85.5	85.5	85.9	85.9	85.9	86.0	86.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5
85.8	87.3	87.9	87.9	88.3	88.3	88.3	88.4	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9
88.0	89.8	90.4	90.5	90.9	90.9	90.9	91.0	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5
88.2	90.0	90.6	90.7	91.1	91.1	91.1	91.3	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7
89.3	91.5	92.1	92.2	92.7	92.7	92.7	92.8	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3
90.0	92.3	93.0	93.3	93.9	93.9	93.9	94.0	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4
90.8	93.6	94.3	94.7	95.2	95.2	95.2	95.3	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8
90.8	93.6	94.6	95.2	95.8	95.8	95.8	95.9	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4
90.9	93.9	94.8	95.5	96.0	96.0	96.1	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7
91.6	94.9	95.8	96.5	97.0	97.0	97.2	97.3	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0
91.8	95.3	96.3	96.9	97.5	97.5	97.6	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4
91.8	95.8	96.7	97.4	98.0	98.0	98.1	98.2	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9
91.8	95.8	96.8	97.5	98.1	98.1	98.2	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0
91.8	95.9	97.2	98.0	98.5	98.5	98.6	98.8	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.7
91.8	95.9	97.2	98.0	98.5	98.5	98.6	98.8	98.8	99.1	99.7	99.7	99.8	99.8	99.8	99.8
91.8	95.9	97.2	98.0	98.5	98.5	98.6	98.8	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0
91.8	95.9	97.2	98.0	98.5	98.5	98.6	98.8	98.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 681

USAFETAC [illegible] 0145 OLA [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

49.1	49.6	49.9	50.0	50.3	50.3	50.4	50.5	50.5	50.7	50.8	50.8	50.8	50.9	51.0	51.1	
54.5	54.9	55.3	55.4	55.7	55.7	55.8	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.5	56.6	
54.6	55.0	55.3	55.5	55.7	55.8	55.8	55.9	55.9	56.2	56.3	56.3	56.3	56.4	56.5	56.6	
54.6	55.1	55.4	55.6	55.8	55.9	55.9	56.0	56.0	56.3	56.3	56.3	56.4	56.5	56.6	56.7	
55.5	55.9	56.2	56.4	56.6	56.7	56.7	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.5	57.5	
59.1	59.6	59.9	60.1	60.3	60.4	60.5	60.6	60.6	60.8	60.9	60.9	61.0	61.0	61.2	61.3	
65.0	65.5	65.9	66.1	66.4	66.4	66.5	66.6	66.6	66.9	67.0	67.0	67.1	67.2	67.3	67.4	
67.2	67.8	68.2	68.5	68.8	68.8	68.9	69.0	69.0	69.3	69.4	69.4	69.5	69.6	69.7	69.8	
69.1	69.7	70.2	70.5	70.7	70.8	70.8	71.0	71.0	71.3	71.4	71.4	71.5	71.6	71.7	71.8	
70.6	71.3	71.7	72.0	72.3	72.4	72.4	72.5	72.5	72.8	73.0	73.0	73.1	73.1	73.3	73.4	
71.2	71.8	72.3	72.6	72.8	72.9	73.0	73.1	73.1	73.4	73.5	73.5	73.6	73.7	73.8	73.9	
72.3	73.0	73.4	73.7	74.0	74.0	74.1	74.2	74.2	74.5	74.6	74.7	74.8	74.8	75.0	75.0	
73.3	74.0	74.5	74.8	75.1	75.2	75.2	75.4	75.4	75.7	75.8	75.8	75.9	76.0	76.1	76.2	
74.8	75.6	76.1	76.4	76.7	76.7	76.8	76.9	76.9	77.2	77.4	77.4	77.5	77.5	77.7	77.8	
76.0	76.7	77.2	77.5	77.8	77.9	77.9	78.1	78.1	78.4	78.5	78.5	78.6	78.7	78.8	78.9	
78.9	79.6	80.3	80.6	81.0	81.0	81.1	81.2	81.2	81.5	81.7	81.7	81.8	81.8	82.0	82.1	
80.7	81.8	82.3	82.7	83.0	83.1	83.1	83.3	83.3	83.6	83.7	83.7	83.9	83.9	84.1	84.1	
83.4	84.7	85.3	85.8	86.1	86.2	86.3	86.4	86.4	86.7	86.8	86.9	87.0	87.0	87.2	87.3	
84.0	85.3	86.0	86.4	86.8	86.8	86.9	87.1	87.1	87.4	87.5	87.5	87.7	87.7	87.9	87.9	
85.8	87.3	88.0	88.5	88.9	88.9	89.0	89.1	89.1	89.5	89.6	89.6	89.8	89.8	90.0	90.0	
87.4	89.1	89.8	90.4	90.8	90.9	91.0	91.1	91.1	91.4	91.5	91.6	91.7	91.7	91.9	92.0	
88.5	90.5	91.3	91.9	92.4	92.5	92.6	92.7	92.7	93.1	93.2	93.2	93.4	93.4	93.6	93.6	
88.9	90.9	91.9	92.6	93.1	93.2	93.3	93.4	93.4	93.8	93.9	94.0	94.1	94.1	94.3	94.4	
89.4	91.5	92.5	93.4	93.9	94.0	94.2	94.3	94.3	94.7	94.9	94.9	95.0	95.1	95.2	95.3	
89.8	92.1	93.2	94.2	94.9	95.0	95.2	95.3	95.3	95.8	96.0	96.0	96.2	96.2	96.4	96.4	
90.3	92.8	94.0	95.2	96.1	96.2	96.5	96.7	96.7	97.1	97.3	97.4	97.5	97.6	97.7	97.8	
90.6	93.2	94.5	95.7	96.6	96.8	97.1	97.3	97.3	97.8	98.0	98.0	98.2	98.2	98.4	98.5	
90.6	93.4	94.7	95.9	96.9	97.1	97.5	97.7	97.7	98.1	98.4	98.4	98.6	98.6	98.8	98.9	
90.7	93.6	95.0	96.2	97.3	97.5	97.9	98.1	98.1	98.6	98.9	98.9	99.1	99.1	99.3	99.4	
90.8	93.7	95.0	96.4	97.5	97.7	98.1	98.3	98.3	98.9	99.2	99.2	99.4	99.5	99.7	99.8	
90.8	93.7	95.0	96.4	97.5	97.7	98.1	98.3	98.3	98.9	99.2	99.3	99.6	99.6	99.8	100.0	
90.8	93.7	95.0	96.4	97.5	97.7	98.1	98.3	98.3	98.9	99.2	99.3	99.6	99.6	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 5966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7012.0 COLD LAKE APT CN 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

55.0	55.1	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.8
60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	61.1
60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	61.1
60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	61.1
60.4	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.4
64.8	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.8
71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.4
73.7	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.7
76.0	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	77.1
78.1	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	79.2
78.7	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0
80.0	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	81.2
80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	82.1
81.8	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	83.0
82.4	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.7
84.7	85.1	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.6
86.2	87.0	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.6
88.4	89.3	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	91.1
89.1	90.0	90.4	90.6	90.7	90.7	90.8	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.8
91.1	91.9	92.3	92.5	92.6	92.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.7
91.4	92.3	92.6	93.1	93.2	93.2	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	94.4
92.5	93.5	93.8	94.3	94.4	94.4	94.7	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	96.0
92.7	93.7	94.2	94.7	94.9	94.9	95.2	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	96.4
93.1	94.1	94.5	95.1	95.2	95.2	95.5	95.6	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.8
93.5	94.5	95.0	95.5	95.6	95.6	96.0	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	97.2
94.0	95.0	95.4	96.0	96.1	96.1	96.4	96.5	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.7
94.5	95.5	96.0	96.5	96.6	96.6	97.0	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	98.2
94.5	95.7	96.2	96.9	97.0	97.0	97.3	97.4	97.4	97.8	97.9	97.9	97.9	97.9	97.9	98.5
94.6	96.2	96.6	97.3	97.4	97.4	97.8	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3	99.0
94.7	96.3	96.8	97.5	97.8	97.8	98.1	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	99.3
94.7	96.3	96.8	97.5	98.1	98.2	98.7	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	100.0
94.7	96.3	96.8	97.5	98.1	98.2	98.7	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

72220 COLD LAKE APT CN 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

52.0	52.4	52.6	52.8	52.8	52.8	52.9	52.9	52.9	53.1	53.2	53.2	53.2	53.2	53.8	53.8
55.1	55.6	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.2	56.3	56.3	56.3	56.3	56.9	56.9
55.2	55.7	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.3	56.4	56.4	56.4	56.4	57.0	57.0
55.6	56.0	56.1	56.3	56.3	56.3	56.4	56.4	56.4	56.7	56.8	56.8	56.8	56.8	57.3	57.3
56.0	56.4	56.6	56.8	56.8	56.8	56.9	56.9	56.9	57.1	57.2	57.2	57.2	57.2	57.8	57.8
60.7	61.1	61.2	61.4	61.4	61.4	61.6	61.6	61.6	61.8	61.9	61.9	61.9	61.9	62.4	62.4
67.4	67.9	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.6	68.7	68.7	68.7	68.7	69.2	69.2
69.2	69.7	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.3	70.4	70.4	70.4	70.4	71.0	71.0
72.2	72.7	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.3	73.4	73.4	73.4	73.4	74.0	74.0
73.8	74.2	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.6	75.6
74.1	74.6	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.9	75.9
75.7	76.1	76.2	76.4	76.4	76.4	76.7	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.6	77.6
76.2	76.7	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.6	77.7	77.7	77.7	77.7	78.2	78.2
77.2	77.8	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.7	78.8	78.8	78.8	78.8	79.3	79.3
78.4	79.0	79.2	79.4	79.4	79.4	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.6	80.6
80.7	81.3	81.8	82.0	82.0	82.0	82.2	82.2	82.2	82.6	82.7	82.7	82.7	82.7	83.2	83.2
82.2	82.9	83.3	83.7	83.7	83.8	84.1	84.1	84.1	84.4	84.6	84.6	84.6	84.6	85.1	85.1
85.7	86.3	86.8	87.1	87.1	87.2	87.6	87.6	87.6	87.9	88.0	88.0	88.0	88.0	88.6	88.6
87.2	87.9	88.3	88.7	88.7	88.8	89.1	89.1	89.1	89.4	89.6	89.6	89.6	89.6	90.1	90.1
89.7	90.4	90.9	91.2	91.2	91.3	91.7	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.7	92.7
90.6	91.7	92.1	92.4	92.4	92.7	93.0	93.0	93.0	93.3	93.4	93.4	93.4	93.4	94.0	94.0
91.4	92.6	93.0	93.3	93.3	93.6	94.0	94.0	94.0	94.4	94.6	94.6	94.6	94.6	95.1	95.1
91.7	92.9	93.3	93.7	93.7	93.9	94.3	94.3	94.3	94.8	94.9	94.9	94.9	94.9	95.4	95.4
92.6	93.8	94.2	94.7	94.7	94.9	95.3	95.3	95.3	95.8	95.9	95.9	95.9	95.9	96.6	96.6
92.9	94.3	94.8	95.2	95.2	95.4	95.9	95.9	95.9	96.3	96.6	96.6	96.6	96.6	97.2	97.2
93.0	94.4	95.0	95.4	95.6	95.8	96.2	96.2	96.2	96.7	96.9	96.9	96.9	96.9	97.6	97.6
93.2	94.7	95.2	95.7	95.9	96.1	96.6	96.6	96.7	97.2	97.6	97.6	97.6	97.6	98.2	98.2
93.2	94.8	95.3	95.8	96.1	96.3	96.9	96.9	97.0	97.6	97.9	97.9	97.9	97.9	98.6	98.6
93.2	94.9	95.7	96.1	96.4	96.7	97.2	97.3	97.4	98.0	98.3	98.3	98.3	98.3	99.2	99.2
93.2	95.1	96.0	96.4	96.8	97.0	97.7	97.8	97.9	98.4	98.8	98.8	98.8	98.8	99.7	99.7
93.2	95.1	96.0	96.4	96.8	97.0	97.7	97.8	97.9	98.6	99.1	99.1	99.1	99.1	100.0	100.0
93.2	95.1	96.0	96.4	96.8	97.0	97.7	97.8	97.9	98.6	99.1	99.1	99.1	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-14-5 (OL A) PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.12.0 COLD LAKE APT CN 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

47.3	47.7	47.9	48.0	48.2	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.5	48.5	49.0	49.0
55.0	55.6	55.7	55.9	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	57.0	57.0
55.1	55.7	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.5	56.5	57.1	57.1
55.3	56.0	56.1	56.2	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.8	56.8	57.3	57.3
56.0	56.6	56.8	56.9	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.4	57.4	58.0	58.0
60.4	61.0	61.1	61.3	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.8	62.4	62.4
65.8	66.4	66.6	66.7	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.8	67.8
67.5	68.1	68.2	68.4	68.6	68.6	68.7	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.6	69.6
69.9	70.6	70.7	70.9	71.2	71.2	71.3	71.3	71.3	71.5	71.5	71.5	71.6	71.6	72.2	72.2
72.3	73.1	73.2	73.4	73.8	73.8	73.9	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.8	74.8
72.7	73.5	73.6	73.9	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.7	74.7	75.2	75.2
74.0	74.9	75.0	75.2	75.6	75.6	75.7	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.6	76.6
74.7	75.6	75.7	75.9	76.2	76.2	76.4	76.4	76.4	76.6	76.5	76.6	76.7	76.7	77.3	77.3
75.8	76.7	76.9	77.1	77.5	77.6	77.7	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.6	78.6
76.7	77.6	77.8	78.0	78.4	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.5	79.5
78.7	79.6	80.0	80.2	80.5	80.7	80.9	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.8	81.8
80.6	81.6	82.0	82.3	82.8	83.0	83.1	83.1	83.1	83.3	83.3	83.3	83.4	83.4	84.0	84.0
83.6	84.7	85.0	85.6	86.1	86.4	86.6	86.6	86.6	86.8	86.8	86.8	86.9	86.9	87.5	87.5
83.9	85.1	85.5	86.0	86.6	86.8	87.0	87.0	87.0	87.3	87.3	87.3	87.4	87.4	88.0	88.0
85.8	87.2	87.5	88.2	88.7	89.0	89.3	89.3	89.3	89.5	89.5	89.5	89.6	89.6	90.2	90.2
87.8	89.5	89.9	90.7	91.2	91.4	91.9	91.9	91.9	92.2	92.2	92.2	92.3	92.3	92.9	92.9
88.5	90.3	90.8	91.6	92.1	92.5	92.9	92.9	92.9	93.4	93.4	93.4	93.5	93.5	94.0	94.0
89.1	90.9	91.3	92.1	92.7	93.0	93.5	93.5	93.5	93.9	93.9	93.9	94.0	94.0	94.6	94.6
89.4	91.2	91.7	92.5	93.0	93.4	93.8	93.8	93.8	94.4	94.4	94.4	94.5	94.5	95.0	95.0
90.1	92.1	92.7	93.5	94.0	94.4	94.8	94.8	94.8	95.4	95.4	95.4	95.5	95.5	96.1	96.1
90.4	92.5	93.0	93.8	94.5	94.8	95.3	95.3	95.3	95.8	95.8	95.8	95.9	95.9	96.5	96.5
91.0	93.0	93.7	94.5	95.3	95.6	96.1	96.1	96.1	96.6	96.6	96.6	96.7	96.7	97.3	97.3
91.2	93.2	94.0	95.0	96.1	96.4	96.8	96.8	96.8	97.4	97.4	97.4	97.6	97.6	98.2	98.2
91.3	93.4	94.1	95.3	96.4	96.7	97.2	97.2	97.2	97.7	97.7	97.7	98.0	98.0	98.5	98.5
91.3	93.4	94.3	95.4	96.6	97.0	97.4	97.4	97.5	98.1	98.1	98.1	98.3	98.3	99.2	99.2
91.3	93.4	94.3	95.4	96.6	97.0	97.4	97.4	97.5	98.2	98.5	98.5	98.9	98.9	99.9	99.9
91.3	93.4	94.3	95.4	96.6	97.0	97.4	97.4	97.5	98.2	98.5	98.5	98.9	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7112.0 COLD LAKE APT CN 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1900-1100

44.4	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0
55.0	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
55.0	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
55.2	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
56.3	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
59.7	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4
65.0	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
67.9	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
69.0	69.8	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
72.4	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7
72.6	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
73.9	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4
74.0	75.1	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
74.7	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4
75.5	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1
77.4	78.6	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
79.6	80.8	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
82.6	84.0	84.4	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
83.2	84.7	85.0	85.3	85.8	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
85.0	86.6	86.9	87.2	87.7	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
87.9	89.5	89.8	90.1	90.7	90.8	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
89.8	91.3	91.7	92.0	92.6	92.7	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1
90.3	91.9	92.2	92.7	93.2	93.3	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
90.7	92.2	92.7	93.2	93.8	93.9	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
90.9	92.8	93.3	94.0	94.6	94.7	94.9	95.0	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4
91.3	93.5	94.1	94.8	95.4	95.6	95.8	95.9	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3
91.8	94.1	94.8	95.6	96.2	96.3	96.6	96.7	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1
92.0	94.5	95.1	96.0	96.7	96.8	97.1	97.2	97.2	97.3	97.7	97.7	97.8	97.8	97.8	97.8
92.0	94.7	95.3	96.3	97.3	97.4	98.0	98.3	98.3	98.4	98.8	98.8	99.0	99.0	99.0	99.0
92.1	94.8	95.6	96.6	97.6	97.7	98.2	98.6	98.6	98.8	99.1	99.1	99.3	99.4	99.4	99.4
92.1	94.8	95.6	96.6	97.6	97.7	98.2	98.6	98.6	99.0	99.3	99.3	99.8	99.9	100.0	100.0
92.1	94.8	95.6	96.6	97.6	97.7	98.2	98.6	98.6	99.0	99.3	99.3	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7'12 0 COLD LAKE APT CN 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
69.4	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
71.3	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
72.9	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
75.1	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
75.7	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
76.4	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
76.8	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
78.9	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
80.0	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
82.6	83.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
84.9	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
89.7	90.7	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
90.4	91.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
91.6	93.2	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
93.9	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
94.6	96.6	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
94.8	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
95.1	97.1	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
95.3	97.4	97.5	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
95.6	97.7	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
95.8	98.0	98.1	98.3	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
95.9	98.1	98.2	98.4	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
96.0	98.2	98.3	98.6	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	100.0	100.0	100.0
96.0	98.2	98.3	98.6	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	100.0	100.0	100.0
96.0	98.2	98.3	98.6	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	100.0	100.0	100.0
96.0	98.2	98.3	98.6	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12.0 COLD LAKE APT CN 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1500-1700

53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8
63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2
64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4
66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6
71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4
74.9	75.0	75.0	75.1	75.2	75.4	75.4	75.4	75.4	75.6	75.5	75.6	75.6	75.6	75.6	75.6
77.0	77.1	77.1	77.2	77.4	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
78.1	78.2	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
79.7	79.8	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
80.7	80.8	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
83.1	83.4	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
84.5	84.7	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
87.1	87.5	87.5	87.6	87.7	87.8	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
88.6	88.9	88.9	89.0	89.2	89.3	89.3	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
92.2	92.6	92.6	92.7	93.0	93.1	93.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
92.9	93.2	93.2	93.3	93.7	93.8	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
94.7	95.0	95.0	95.3	95.7	95.8	95.8	95.9	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3
95.6	96.1	96.1	96.4	96.8	96.9	96.9	97.0	97.0	97.3	97.6	97.6	97.7	97.7	97.7	97.7
95.9	96.8	96.8	97.1	97.4	97.6	97.6	97.7	97.7	98.0	98.2	98.2	98.4	98.4	98.4	98.4
96.0	96.9	96.9	97.2	97.6	97.7	97.7	97.8	97.8	98.1	98.3	98.3	98.6	98.6	98.6	98.6
96.3	97.2	97.2	97.6	97.9	98.0	98.0	98.1	98.2	98.6	98.8	98.8	99.0	99.0	99.0	99.0
96.6	97.4	97.4	97.8	98.1	98.2	98.2	98.3	98.4	98.8	99.0	99.0	99.2	99.2	99.2	99.2
96.6	97.6	97.6	97.9	98.2	98.3	98.3	98.4	98.6	98.9	99.1	99.1	99.3	99.3	99.3	99.3
96.7	97.7	97.7	98.0	98.4	98.6	98.6	98.7	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6
96.7	97.7	97.7	98.0	98.4	98.6	98.8	98.9	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8
96.7	97.7	97.7	98.0	98.4	98.6	98.8	98.9	99.0	99.3	99.6	99.6	99.8	100.0	100.0	100.0
96.7	97.7	97.7	98.0	98.4	98.6	98.8	98.9	99.0	99.3	99.6	99.6	99.8	100.0	100.0	100.0
96.7	97.7	97.7	98.0	98.4	98.6	98.8	98.9	99.0	99.3	99.6	99.6	99.8	100.0	100.0	100.0
96.7	97.7	97.7	98.0	98.4	98.6	98.8	98.9	99.0	99.3	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
84.7	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
85.7	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
86.2	86.5	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
88.0	88.4	88.5	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
89.6	90.1	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
92.8	93.3	93.4	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
93.3	93.8	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
94.7	95.6	95.7	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
95.3	96.3	96.4	96.7	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
95.7	96.9	97.1	97.5	97.6	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
95.8	97.0	97.2	97.6	97.7	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
96.1	97.4	97.6	97.9	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
96.4	97.6	97.8	98.1	98.3	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
96.5	97.7	97.9	98.2	98.5	98.5	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
96.7	97.9	98.1	98.5	98.7	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
96.7	97.9	98.1	98.5	98.7	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7
96.7	97.9	98.1	98.5	98.7	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.8
96.7	98.0	98.2	98.6	98.8	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
96.7	98.0	98.2	98.6	98.8	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
96.7	98.0	98.2	98.6	98.8	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12.0 COLD LAKE APT CN 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3
63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5
63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6
63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6
63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0
72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0
74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.9
77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3
80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.9
80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.3
82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8
83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.5
84.6	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7
85.7	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	85.7	86.7	86.7	86.8
87.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	86.5	88.5	88.5	88.5	88.5	88.5	88.6
88.5	89.6	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2
91.3	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.1
91.6	92.7	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4
93.4	94.5	94.7	94.7	94.9	94.9	95.0	95.0	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.4
93.6	94.8	95.1	95.1	95.4	95.4	95.5	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.8
94.5	95.8	96.1	96.1	96.4	96.4	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9
94.5	95.9	96.3	96.4	96.6	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1
94.5	96.1	96.5	96.6	96.8	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.4
94.9	96.7	97.0	97.1	97.4	97.4	97.5	97.6	97.6	97.7	97.9	97.9	97.9	97.9	97.9	98.0
95.5	97.5	97.8	97.9	98.1	98.1	98.2	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.8
95.7	97.7	98.0	98.1	98.3	98.3	98.5	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0
95.7	97.7	98.0	98.1	98.3	98.3	98.5	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0
95.9	97.9	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.4
95.9	98.0	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.8
95.9	98.0	98.6	98.9	99.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0
95.9	98.0	98.6	98.9	99.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

52.3	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.9	53.0	
60.2	60.5	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.9	61.0	
60.3	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.1	
60.5	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.3	
61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.8	61.9	
64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.3	
69.9	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.8	
71.9	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.8	
74.1	74.5	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.2	
76.4	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.4	77.5	
76.9	77.3	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	78.0	
78.2	78.7	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.4	
78.9	79.5	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.2	80.3	
80.2	80.8	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.6	81.6	
81.2	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.5	82.6	
83.3	84.0	84.2	84.4	84.5	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.9	85.0	
85.1	85.9	86.1	86.2	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.9	87.0	
88.3	89.2	89.4	89.6	89.9	89.9	90.1	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.4	90.5	
89.0	89.9	90.2	90.4	90.7	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.3	
90.7	91.8	92.0	92.3	92.6	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.2	93.3	
92.0	93.2	93.5	93.8	94.1	94.2	94.3	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.8	94.9	
92.9	94.2	94.5	94.8	95.1	95.2	95.4	95.5	95.5	95.7	95.8	95.8	95.9	95.9	96.0	96.1	
93.1	94.5	94.8	95.2	95.4	95.5	95.8	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.3	96.4	
93.5	94.9	95.2	95.6	95.9	96.0	96.2	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.9	97.0	
93.8	95.4	95.7	96.1	96.4	96.5	96.8	96.8	96.8	97.1	97.2	97.2	97.3	97.3	97.4	97.5	
94.1	95.7	96.1	96.5	96.8	96.9	97.2	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.9	98.0	
94.4	96.1	96.5	96.9	97.3	97.4	97.7	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.4	98.5	
94.5	96.2	96.6	97.1	97.5	97.6	98.0	98.0	98.1	98.3	98.5	98.5	98.6	98.6	98.7	98.8	
94.6	96.4	96.8	97.3	97.8	97.9	98.3	98.4	98.5	98.7	98.9	98.9	99.0	99.1	99.3	99.4	
94.6	96.4	96.9	97.5	98.0	98.1	98.5	98.6	98.7	99.0	99.1	99.1	99.3	99.4	99.6	99.7	
94.6	96.4	96.9	97.5	98.1	98.2	98.6	98.7	98.8	99.1	99.4	99.4	99.5	99.6	99.9	100.0	
94.6	96.4	96.9	97.5	98.1	98.2	98.6	98.7	98.8	99.1	99.4	99.4	99.5	99.6	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 7199

USAF ETAC 0-74-5 (OLA) PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE 700-1100
FROM HOURLY OBSERVATIONS

53.2	53.7	54.1	54.2	54.3	54.3	54.5	54.5	54.5	54.6	54.7	54.7	54.9	54.9	55.1	55.4	
57.6	58.0	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.0	59.3	59.3	59.5	59.7	
57.6	58.0	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.0	59.3	59.3	59.5	59.7	
57.6	58.0	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.0	59.3	59.3	59.5	59.7	
58.0	58.5	58.9	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.5	59.5	59.7	59.7	60.0	60.2	
61.4	61.9	62.4	62.5	62.7	62.7	62.8	62.8	62.8	62.9	63.0	63.0	63.3	63.3	63.5	63.7	
65.0	65.4	65.9	66.1	66.4	66.4	66.6	66.6	66.6	66.8	66.9	66.9	67.2	67.2	67.4	67.6	
66.2	66.7	67.3	67.5	67.7	67.7	68.0	68.0	68.0	68.2	68.3	68.[illegible]	68.5	68.5	68.8	69.0	
67.0	67.7	68.3	68.5	68.8	68.8	69.0	69.0	69.0	69.2	69.3	69.3	69.6	69.6	69.8	70.0	
67.8	68.5	69.1	69.3	69.6	69.6	69.8	69.8	69.8	70.0	70.1	70.1	70.4	70.4	70.6	70.6	
68.5	69.2	69.8	70.0	[illegible]	70.3	70.5	70.5	70.5	70.7	70.8	70.8	71.1	71.1	71.3	71.5	
69.7	70.4	71.1	71.4	71.6	71.6	71.9	71.9	71.9	72.1	72.2	72.2	72.4	72.4	72.7	72.9	
70.4	71.1	71.7	72.1	72.3	72.3	72.5	72.5	72.5	72.8	72.9	72.9	73.1	73.1	73.3	73.6	
70.9	71.6	72.3	72.7	73.0	73.0	73.2	73.2	73.2	73.5	73.6	73.6	73.8	73.8	74.0	74.3	
71.5	72.3	73.[illegible]	73.5	73.8	73.8	74.0	74.0	74.0	74.3	74.4	74.4	74.6	74.6	74.8	75.1	
72.5	74.1	75.1	75.5	76.0	76.0	76.2	76.2	76.2	76.4	76.5	76.5	76.8	76.8	77.0	77.2	
73.8	75.6	76.7	77.1	77.6	77.6	77.8	77.8	77.8	78.0	78.1	78.1	78.4	78.4	78.6	78.8	
76.2	78.7	79.9	80.5	81.2	81.2	81.5	81.5	81.5	81.7	81.8	81.8	82.0	82.0	82.3	82.5	
76.8	79.4	80.5	81.2	81.9	81.9	82.2	82.2	82.2	82.4	82.5	82.5	82.7	82.7	83.0	83.2	
78.8	81.8	83.0	83.6	84.3	84.3	84.6	84.6	84.6	84.8	84.9	84.9	85.1	85.1	85.4	85.6	
80.9	84.4	85.8	86.5	87.2	87.2	87.4	87.5	87.5	87.8	87.9	87.9	88.1	88.1	88.3	88.6	
82.7	86.3	87.8	88.4	89.1	89.1	89.4	89.6	89.6	90.0	90.2	90.2	90.4	90.4	90.6	90.8	
83.1	86.6	88.1	88.8	89.5	89.5	89.7	89.9	89.9	90.4	90.5	90.5	90.7	90.7	91.0	91.2	
83.4	87.0	88.4	89.1	89.8	89.8	90.0	90.3	90.3	91.0	91.1	91.1	91.3	91.3	91.5	91.8	
83.9	87.4	89.0	89.7	90.4	90.4	90.6	90.8	90.8	91.6	92.2	92.2	92.4	92.4	92.7	92.9	
85.2	88.8	90.4	91.1	91.8	91.8	92.2	92.4	92.4	93.2	93.9	93.9	94.2	94.2	94.4	94.6	
85.7	89.6	91.2	91.9	92.6	92.6	93.0	93.2	93.2	94.1	94.7	94.7	95.0	95.0	95.2	95.4	
85.7	89.8	91.6	92.3	93.0	93.0	93.6	93.8	93.8	94.6	95.3	95.3	96.0	96.0	96.2	96.5	
85.9	90.4	92.2	93.0	93.9	93.9	94.7	95.0	95.0	96.2	96.9	96.9	97.6	97.6	97.8	98.1	
85.9	90.4	92.2	93.1	94.2	94.3	95.1	95.3	95.3	96.7	97.6	97.8	98.5	98.5	98.9	99.2	
85.9	90.5	92.3	93.2	94.4	94.5	95.3	95.5	95.5	96.9	97.8	98.1	98.7	98.7	99.7	100.0	
85.9	90.5	92.3	93.2	94.4	94.5	95.3	95.5	95.5	96.9	97.8	98.1	98.7	98.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] COLD LAKE APT CN 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
FROM HOURLY OBSERVATIONS

[illegible]	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.2	52.2	52.3	52.3	[illegible]	52.4
54.5	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.5
54.5	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.5
54.5	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.5
54.7	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.5	56.5	56.6	56.6	56.7	56.7
58.3	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.2	60.2	60.3	60.3	60.4	60.4
63.6	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.5	65.5	65.6	65.6	65.8	65.8
64.3	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.4	66.4
65.5	66.8	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.8	67.8	67.9	67.9	68.0	68.0
66.0	67.2	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.3	68.3	68.4	68.4	68.5	68.5
66.7	67.9	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.9	68.9	69.1	69.1	69.2	69.2
67.2	68.5	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.5	69.5	69.6	69.6	69.7	69.7
67.8	69.2	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.5	70.5
69.1	70.4	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.6	71.6	71.7	71.7	71.8	71.8
69.4	70.8	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.9	71.9	72.0	72.0	72.1	72.1
71.6	73.1	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.5	74.5	74.7	74.7	74.8	74.8
73.3	74.9	76.[illegible]	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.8	76.8
75.0	77.4	78.5	79.1	79.3	79.3	79.5	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	79.9
75.9	76.1	79.2	79.8	80.0	80.0	80.1	80.1	80.1	80.3	80.4	80.4	80.5	80.5	80.6	80.6
78.4	80.7	82.1	82.6	82.9	82.9	83.1	83.2	83.2	83.3	83.4	83.4	83.6	83.6	83.7	83.7
81.3	83.9	85.3	85.8	86.1	86.1	86.5	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.3
83.3	86.1	87.4	88.0	88.2	88.2	88.7	89.0	89.0	89.5	89.6	89.6	89.7	89.7	89.8	89.8
84.9	87.7	89.0	89.6	89.8	89.8	90.3	90.6	90.6	91.1	91.2	91.2	91.3	91.3	91.4	91.4
85.3	88.0	89.4	90.0	90.2	90.2	90.6	91.0	91.0	91.6	91.7	91.7	91.8	91.8	91.9	91.9
85.7	88.6	90.0	90.5	90.8	90.8	91.2	91.6	91.6	92.4	92.6	92.6	92.7	92.7	92.8	92.8
86.1	89.3	90.6	91.3	91.6	91.6	92.0	92.4	92.4	93.2	93.6	93.6	93.7	93.7	94.1	94.1
86.9	90.2	91.6	92.5	92.7	92.7	93.3	93.6	93.6	94.4	94.9	94.9	95.0	95.0	95.3	95.4
87.0	90.4	91.8	92.8	93.0	93.0	93.6	93.9	93.9	94.7	95.2	95.2	95.5	95.5	95.9	96.0
87.2	90.9	92.2	93.3	93.7	93.7	94.4	94.7	94.7	95.9	96.3	96.3	96.7	96.7	97.0	97.1
87.2	91.0	92.4	93.7	94.2	94.3	95.3	95.7	95.7	97.3	97.9	97.9	98.3	98.3	98.6	98.7
87.2	91.1	92.5	93.8	94.3	94.4	95.5	96.1	96.1	97.7	98.5	98.5	98.9	99.1	99.7	100.0
87.2	91.1	92.5	93.8	94.3	94.4	95.5	96.1	96.1	97.7	98.5	98.5	98.9	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 676

USAF ETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF TAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 7 COLD LAKE APT CN 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

44.6	45.3	45.4	45.7	46.0	46.0	46.1	46.1	46.2	46.3	46.6	46.6	46.6	46.7	46.9	47.1	
49.4	50.1	50.2	50.6	50.9	50.9	51.0	51.0	51.1	51.3	51.5	51.5	51.6	51.7	52.0	52.1	
49.4	50.1	50.2	50.6	50.9	50.9	51.0	51.0	51.1	51.3	51.5	51.5	51.6	51.7	52.0	52.2	
49.5	50.2	50.3	50.7	51.0	51.0	51.1	51.1	51.3	51.4	51.6	51.6	51.7	51.8	52.1	52.3	
50.3	51.0	51.1	51.5	51.8	51.8	52.0	52.0	52.1	52.2	52.4	52.4	52.5	52.6	52.9	53.1	
54.5	55.3	55.5	55.9	56.2	56.2	56.3	56.3	56.4	56.6	56.8	56.8	56.9	57.0	57.2	57.5	
59.3	60.1	6 .6	61.9	61.3	61.3	61.4	61.4	61.5	61.6	61.8	61.8	62.0	62.1	62.3	62.5	
61.8	62.0	62.5	62.9	63.3	63.3	63.4	63.4	63.6	63.7	63.9	63.9	64.0	64.1	64.4	64.6	
62.3	63.3	63.9	64.3	64.7	64.7	64.8	64.9	65.1	65.2	65.4	65.4	65.5	65.6	65.9	66.1	
64.1	65.1	65.7	66.1	66.6	66.6	66.7	66.8	66.9	67.0	67.2	67.2	67.4	67.5	67.7	67.9	
64.5	65.5	66.2	66.6	67.0	67.0	67.1	67.2	67.4	67.5	67.7	67.7	67.8	67.9	68.2	68.4	
65.2	66.2	67.0	67.4	67.8	67.8	67.9	68.0	68.0	68.3	68.5	68.5	68.6	68.7	69.0	69.2	
66.2	67.4	68.2	68.5	69.0	69.0	69.2	69.3	69.4	69.5	69.8	69.8	69.9	70.0	70.2	70.4	
66.4	67.5	68.4	68.7	69.3	69.3	69.5	69.7	69.8	69.9	70.1	70.1	70.2	70.3	70.5	70.6	
66.6	67.7	68.5	68.9	69.4	69.4	69.7	69.8	69.9	70.0	70.2	70.2	70.3	70.5	70.7	70.9	
69.4	69.7	7 .6	70.9	71.5	71.5	71.8	72.0	72.1	72.2	72.4	72.4	72.5	72.6	72.9	73.1	
69.4	70.7	71.6	72.0	72.5	72.5	72.9	73.0	73.1	73.2	73.4	73.4	73.6	73.7	73.9	74.1	
73.1	74.5	75.4	75.9	76.7	76.7	77.1	77.4	77.5	77.6	77.8	77.8	77.9	78.0	78.3	78.5	
73.8	75.2	76.2	76.6	77.6	77.6	78.0	78.3	78.4	78.5	78.7	78.7	78.9	79.0	79.2	79.4	
75.7	77.9	79.0	79.5	80.7	80.7	81.1	81.4	81.5	81.7	82.0	82.0	82.1	82.2	82.4	82.6	
77.9	81.3	81.4	82.0	83.1	83.2	83.8	84.0	84.1	84.4	84.6	84.6	84.7	84.8	85.1	85.3	
79.7	81.2	83.2	83.8	84.9	85.1	85.7	86.0	86.2	86.8	87.0	87.0	87.1	87.2	87.5	87.7	
81.6	84.0	85.1	85.6	86.8	86.9	87.6	87.9	88.2	88.7	89.0	89.0	89.1	89.2	89.4	89.7	
82.9	85.2	86.2	86.9	88.0	88.2	89.0	89.3	89.5	90.1	90.3	90.3	90.5	90.6	90.8	91.0	
83.1	85.9	86.9	87.6	88.7	88.9	89.7	90.0	90.2	90.9	91.5	91.5	91.6	91.7	92.0	92.2	
83.7	86.6	87.6	88.3	89.5	89.7	90.5	90.8	91.0	91.8	92.4	92.5	92.6	92.8	93.0	93.2	
84.4	87.5	88.5	89.4	90.7	90.8	91.6	92.0	92.2	93.2	93.6	93.9	94.0	94.1	94.4	94.8	
85.1	88.5	89.7	90.7	92.1	92.2	93.0	93.3	93.6	94.6	95.2	95.3	95.5	95.6	95.9	96.3	
85.2	88.9	90.1	91.3	92.9	93.0	94.0	94.4	94.6	95.9	96.4	96.6	96.8	96.9	97.1	97.5	
85.2	88.9	90.1	91.5	93.2	93.3	94.6	94.9	95.2	97.1	97.9	98.0	98.3	98.4	98.6	99.1	
85.2	88.9	9 .1	91.6	93.6	93.7	95.1	95.4	95.6	97.6	98.4	98.5	98.9	99.1	99.5	100.	
85.2	88.9	90.1	91.6	93.6	93.7	95.1	95.4	95.6	97.6	98.4	98.5	98.9	99.1	99.5	100.	

TOTAL NUMBER OF OBSERVATIONS 57

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

72 42 3 COLD LAKE APT CN 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

35.4	40.4	40.6	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.1
49.5	50.6	50.7	51.0	51.0	51.0	51.3	51.3	51.3	51.4	51.5	51.5	51.6	51.6	51.7	51.8
49.5	50.6	50.7	51.0	51.0	51.0	51.3	51.3	51.3	51.4	51.5	51.5	51.6	51.6	51.7	51.8
49.7	50.7	50.8	51.2	51.2	51.2	51.4	51.4	51.4	51.5	51.6	51.6	51.7	51.7	51.8	52.0
50.3	51.4	51.5	51.8	51.8	51.8	52.1	52.1	52.1	52.2	52.3	52.3	52.4	52.4	52.5	52.6
53.6	54.7	54.8	55.2	55.2	55.2	55.4	55.4	55.4	55.5	55.6	55.6	55.9	55.9	56.0	56.1
58.8	60.4	61.0	61.1	61.1	61.1	61.3	61.4	61.4	61.5	61.6	61.6	61.9	61.9	62.0	62.1
60.7	62.7	62.9	63.4	63.4	63.4	63.6	63.7	63.7	63.8	63.9	63.9	64.2	64.2	64.3	64.4
63.0	64.7	65.0	65.4	65.4	65.4	65.8	65.9	65.9	66.0	66.1	66.1	66.4	66.4	66.5	66.6
64.2	65.9	66.1	66.6	67.1	67.1	67.4	67.5	67.5	67.6	67.7	67.7	68.0	68.0	68.1	68.2
64.6	66.4	66.7	67.4	67.7	67.7	68.1	68.2	68.2	68.3	68.4	68.4	68.7	68.7	68.8	68.9
64.7	66.6	67.1	67.7	68.1	68.1	68.4	68.7	68.7	68.9	69.0	69.0	69.2	69.2	69.4	69.5
65.0	67.1	67.6	68.4	68.9	68.9	69.2	69.5	69.5	69.7	69.8	69.8	70.0	70.0	70.2	70.3
65.6	67.6	68.2	69.1	69.7	69.7	70.0	70.3	70.3	70.5	70.6	70.6	70.9	70.9	71.0	71.1
65.7	67.7	68.3	69.2	69.8	69.8	70.3	70.6	70.6	70.9	71.0	71.0	71.2	71.2	71.3	71.4
67.4	69.5	70.2	71.1	71.8	71.8	72.2	72.6	72.6	72.9	73.0	73.0	73.3	73.3	73.4	73.5
68.9	71.1	71.8	72.8	73.5	73.8	74.3	74.7	74.7	75.0	75.1	75.1	75.3	75.3	75.5	75.6
72.1	74.7	75.3	76.6	77.5	77.8	78.6	78.9	78.9	79.3	79.4	79.4	79.6	79.6	79.7	79.8
73.9	75.5	76.2	77.5	78.5	78.7	79.7	80.1	80.1	80.4	80.5	80.5	80.8	80.8	80.9	81.0
75.2	78.0	78.7	80.1	81.2	81.6	82.8	83.2	83.2	83.5	83.5	83.6	83.9	83.9	84.0	84.1
76.7	79.7	80.5	82.0	83.5	84.0	85.4	85.7	85.7	86.1	86.2	86.2	86.4	86.4	86.5	86.6
78.2	81.5	82.3	83.9	85.5	85.9	87.3	87.7	87.7	88.6	88.7	88.7	88.9	88.9	89.1	89.2
79.4	82.7	83.6	85.3	86.9	87.4	88.8	89.2	89.2	90.1	90.2	90.2	90.4	90.4	90.6	90.7
79.7	83.2	84.2	85.8	87.4	88.0	89.4	89.7	89.7	90.7	90.8	90.8	91.0	91.0	91.1	91.2
80.5	84.1	85.1	86.6	88.4	88.9	90.3	90.7	90.9	91.8	92.5	92.6	92.9	92.9	93.0	93.1
80.8	84.3	85.4	87.3	88.9	89.6	91.0	91.5	91.7	92.7	93.7	93.8	94.0	94.0	94.1	94.2
81.3	85.3	86.6	88.6	90.2	91.0	92.5	93.0	93.2	94.5	95.5	95.9	96.1	96.1	96.2	96.3
81.3	85.5	86.9	89.2	91.1	91.9	93.4	93.9	94.1	95.4	96.5	96.9	97.4	97.4	97.5	97.6
81.6	85.6	87.2	89.6	91.6	92.4	93.9	94.4	94.6	96.0	97.1	97.5	98.0	98.4	98.5	98.6
81.6	85.6	87.2	89.6	91.6	92.4	93.9	94.4	94.6	96.1	97.6	97.9	98.7	99.1	99.4	99.5
81.6	85.6	87.2	89.6	91.6	92.4	93.9	94.4	94.6	96.1	97.6	97.9	98.7	99.1	99.4	99.9
81.6	85.6	87.2	89.6	91.6	92.4	93.9	94.4	94.6	96.1	97.6	97.9	98.7	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12.0 COLD LAKE APT CN 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
51.4	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
51.7	52.6	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
52.3	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
52.9	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
55.5	57.5	57.5	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
60.8	61.8	61.8	62.0	62.2	62.3	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
63.1	64.1	64.3	64.5	64.7	64.8	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1
64.4	65.5	65.6	66.0	66.2	66.3	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
65.3	66.8	67.0	67.5	67.7	67.8	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2
65.6	67.1	67.4	67.6	68.0	68.2	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5
66.2	67.8	68.2	68.6	69.0	69.1	69.4	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8
66.9	68.6	69.1	69.5	69.9	70.0	70.3	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7
67.1	68.7	69.2	69.6	70.1	70.2	70.6	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9
67.6	69.3	69.8	70.3	70.7	70.8	71.1	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5
69.2	70.9	71.4	72.0	72.5	72.6	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4
71.1	73.1	73.7	74.4	75.2	75.3	76.0	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3
74.8	77.0	77.7	78.5	79.4	79.5	80.7	80.8	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3
76.0	78.2	78.9	79.7	80.6	80.7	81.8	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4
78.0	80.5	81.4	82.5	83.4	83.8	85.1	85.3	85.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9
80.2	83.2	84.1	85.4	86.4	86.9	88.4	88.7	89.0	89.4	89.8	89.8	89.8	89.8	89.8	89.8
81.3	84.5	85.4	86.7	87.7	88.2	89.7	90.3	90.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5
81.7	84.9	86.0	87.2	88.4	89.0	90.5	91.1	91.5	92.1	92.4	92.4	92.4	92.4	92.4	92.4
82.1	85.4	86.4	87.8	89.0	89.5	91.0	91.7	92.1	92.6	93.0	93.0	93.0	93.0	93.0	93.0
82.5	86.1	87.4	88.7	89.9	90.5	92.1	92.8	93.1	93.7	94.6	94.6	94.6	94.6	94.6	94.6
83.1	86.7	88.0	89.7	90.9	91.5	93.1	93.8	94.1	94.7	95.6	95.6	[illegible]	95.6	95.6	95.6
83.4	87.4	88.7	90.7	92.1	92.6	94.3	94.9	95.4	96.2	97.2	97.2	97.4	97.4	97.4	97.4
83.4	87.4	89.0	90.9	92.4	93.0	94.6	95.3	95.7	96.6	97.6	97.7	97.8	97.8	97.8	97.8
83.4	87.5	89.1	91.4	93.0	93.6	95.7	96.4	96.9	97.7	98.9	99.0	99.1	99.3	99.3	99.3
83.4	87.5	89.1	91.4	93.0	93.6	95.7	96.4	96.9	97.7	99.0	99.1	99.2	99.5	99.7	99.7
83.4	87.5	89.1	91.4	93.0	93.6	95.7	96.4	96.9	97.7	99.0	99.1	99.2	99.5	99.8	100.0
83.4	87.5	89.1	91.4	93.0	93.6	95.7	96.4	96.9	97.7	99.0	99.1	99.2	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 872

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12.0 COLD LAKE APT CN 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1700-1700

46.7	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
54.8	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.5	55.5	55.5	55.5	
54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	
55.0	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	
56.7	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	
60.7	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	
64.3	65.1	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8	
66.7	67.0	67.3	67.5	67.5	67.6	67.7	67.7	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.1	
68.5	69.1	69.3	69.5	69.5	69.7	69.8	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.1	
69.4	70.0	70.2	70.5	70.5	70.6	70.7	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0	
69.5	70.1	70.3	70.6	70.6	70.8	70.9	70.9	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.4	
70.0	70.6	70.9	71.4	71.4	71.6	71.7	71.7	71.7	72.0	72.0	72.0	72.2	72.2	72.2	72.2	
70.2	70.9	71.3	71.7	71.8	72.0	72.2	72.2	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.6	
70.6	71.3	71.7	72.3	72.4	72.6	72.8	72.8	72.8	73.4	73.4	73.4	73.5	73.5	73.5	73.5	
71.4	72.0	72.5	73.1	73.2	73.4	73.6	73.6	73.6	74.3	74.3	74.3	74.4	74.4	74.4	74.4	
73.3	74.1	74.5	75.1	75.2	75.5	75.8	75.8	75.8	76.5	76.5	76.5	76.6	76.6	76.6	76.6	
75.8	77.0	77.5	78.1	78.5	78.8	79.3	79.3	79.3	80.1	80.1	80.1	80.2	80.2	80.2	80.2	
79.4	79.8	80.2	81.1	81.7	82.0	82.8	82.8	82.8	83.6	83.6	83.6	83.8	83.8	83.8	83.8	
79.3	80.8	81.3	82.2	82.7	83.1	83.9	83.9	83.9	84.8	84.8	84.8	84.9	84.9	84.9	84.9	
81.1	82.7	83.4	84.7	85.6	85.9	86.7	86.8	86.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	
83.1	84.8	85.5	87.0	88.1	88.4	89.2	89.3	89.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	
83.9	85.7	86.4	88.0	89.0	89.3	90.1	90.2	90.3	91.9	92.3	92.3	92.4	92.4	92.4	92.4	
84.0	86.0	86.8	88.4	89.4	89.8	90.7	90.9	91.0	92.8	93.2	93.2	93.3	93.3	93.3	93.3	
84.2	86.4	87.2	88.9	89.9	90.2	91.3	91.5	91.6	93.4	93.8	93.8	93.9	93.9	93.9	93.9	
84.9	87.2	88.0	89.7	90.7	91.0	92.0	92.3	92.4	94.2	94.8	94.9	95.0	95.0	95.0	95.0	
85.5	87.8	88.6	90.5	91.5	91.8	93.0	93.2	93.3	95.1	95.7	95.9	96.0	96.0	96.0	96.0	
85.7	88.2	89.0	90.9	91.9	92.3	93.4	93.6	93.9	95.9	96.5	96.8	96.9	96.9	96.9	96.9	
85.9	88.9	89.7	91.6	92.6	93.0	94.1	94.3	94.5	96.6	97.3	97.6	97.8	97.8	97.8	97.8	
85.9	88.9	89.8	91.7	93.3	93.8	95.0	95.3	95.6	97.6	98.3	98.6	98.9	98.9	98.9	98.9	
86.0	89.0	89.9	91.8	93.4	93.9	95.2	95.7	95.9	98.2	99.2	99.5	99.8	99.8	99.8	99.8	
86.0	89.0	89.9	91.8	93.4	93.9	95.2	95.7	95.9	98.2	99.2	99.5	99.8	99.8	99.8	100.0	
86.0	89.0	89.9	91.8	93.4	93.9	95.2	95.7	95.9	98.2	99.2	99.5	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 880

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

52.3	52.3	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	53.0
58.3	58.3	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	59.0
58.3	58.3	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	59.0
56.6	56.6	58.8	58.6	58.8	58.8	58.9	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.3
59.5	59.5	59.7	59.7	59.7	59.7	59.8	59.8	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.3
62.3	62.3	62.5	62.5	62.6	62.6	62.7	62.7	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.2
65.6	65.7	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.7
66.4	66.7	66.9	66.9	67.1	67.1	67.2	67.2	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.7
68.4	68.9	69.1	69.1	69.3	69.3	69.4	69.4	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.9
70.3	70.7	70.9	70.9	71.2	71.2	71.3	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.8
70.6	71.2	71.4	71.4	71.6	71.6	71.8	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2
71.5	72.1	72.3	72.3	72.7	72.7	72.8	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.3
71.8	72.3	72.6	72.6	72.9	72.9	73.0	73.0	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.5
72.2	72.9	73.1	73.4	73.7	73.7	73.8	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.3
72.7	73.4	73.6	73.8	74.2	74.2	74.3	74.3	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.8
75.3	76.3	76.5	76.7	77.1	77.1	77.2	77.2	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.8
76.9	78.0	78.4	78.8	79.2	79.2	79.3	79.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.9
79.5	81.3	81.7	82.5	82.9	83.0	83.2	83.2	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.8
80.1	81.8	82.3	83.2	83.7	83.8	84.0	84.0	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.6
82.1	84.6	85.2	86.1	86.9	87.0	87.5	87.5	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.1
84.4	87.2	87.8	88.9	89.7	89.8	90.3	90.4	90.5	90.7	90.9	90.9	90.9	90.9	90.9	91.0
85.4	88.3	89.0	90.2	91.1	91.2	91.8	91.9	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.8
85.9	89.0	89.8	91.0	92.0	92.1	92.7	92.8	92.9	93.5	93.6	93.6	93.6	93.6	93.6	93.8
86.0	89.1	89.9	91.1	92.2	92.4	92.9	93.1	93.2	93.8	93.9	93.9	93.9	93.9	93.9	94.0
86.1	89.5	90.3	91.4	92.7	92.8	93.5	93.6	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.6
86.1	89.6	90.4	91.6	93.1	93.3	94.0	94.1	94.2	94.8	94.9	94.9	94.9	94.9	94.9	95.0
86.2	89.7	90.5	91.7	93.3	93.6	94.3	94.4	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.4
86.3	89.8	90.7	92.1	94.2	94.8	95.6	95.7	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.6
86.6	90.2	91.3	92.9	95.4	95.9	97.0	97.6	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.5
86.6	90.3	91.4	93.2	95.7	96.3	97.6	98.1	98.3	99.1	99.7	99.7	99.7	99.7	99.7	99.8
86.6	90.3	91.4	93.2	95.8	96.4	97.8	98.4	98.5	99.3	99.9	99.9	99.9	99.9	99.9	100.0
86.6	90.3	91.4	93.2	95.8	96.4	97.8	98.4	98.5	99.3	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 864

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7012.0 COLD LAKE APT CN 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

53.0	53.0	53.2	53.2	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.8
59.3	59.3	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	60.0
59.3	59.3	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	60.0
59.3	59.3	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	60.0
59.7	59.7	59.9	59.9	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.5
62.8	62.8	63.0	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.5	63.5	63.5	63.6
65.8	65.8	66.1	66.1	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.7
67.0	67.0	67.2	67.2	67.4	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.9
67.5	67.7	67.9	67.9	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6
68.8	69.2	69.7	69.8	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.6
69.2	69.7	70.1	70.3	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.1
69.5	69.9	70.4	70.5	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.3
70.6	71.1	71.6	71.9	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.6
70.9	71.4	72.0	72.2	72.5	72.5	72.6	72.6	72.6	72.9	72.9	72.9	73.0	73.0	73.0	73.1
71.6	72.1	72.6	72.9	73.2	73.2	73.3	73.3	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.8
73.0	73.6	74.2	74.5	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.4
74.2	75.0	75.7	76.0	76.4	76.4	76.5	76.5	76.5	76.7	76.7	76.7	76.8	76.8	76.8	77.0
77.2	78.4	79.2	79.9	80.2	80.4	80.9	80.9	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.5
78.5	79.9	80.7	81.4	81.7	81.8	82.4	82.4	82.4	82.6	82.7	82.7	82.9	82.9	82.9	83.0
81.4	82.9	83.8	84.4	84.9	85.0	85.6	85.6	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.2
84.0	85.6	86.5	87.2	87.6	87.7	88.3	88.4	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.2
85.0	86.8	88.0	88.6	89.1	89.2	89.8	90.0	90.2	90.6	90.7	90.7	90.8	90.8	90.8	90.9
85.2	87.3	88.4	89.1	89.6	89.7	90.2	90.5	90.7	91.0	91.1	91.1	91.3	91.3	91.3	91.4
85.4	87.4	88.5	89.2	89.7	89.8	90.4	90.6	90.8	91.1	91.3	91.3	91.4	91.4	91.4	91.5
85.6	87.7	88.9	89.7	90.2	90.4	91.0	91.3	91.5	91.8	93.1	93.1	93.2	93.2	93.2	93.3
85.9	88.2	89.4	90.2	90.8	90.9	91.6	91.9	92.2	92.5	93.8	93.8	93.9	93.9	93.9	94.0
86.0	88.6	89.9	90.9	91.6	91.7	92.4	92.8	93.1	93.5	94.8	94.8	94.9	94.9	94.9	95.0
86.2	89.2	90.7	91.9	92.7	92.8	93.6	94.2	94.4	95.0	96.3	96.3	96.8	96.8	96.8	96.9
86.2	89.6	91.0	92.5	93.5	93.6	94.6	95.2	95.5	96.4	97.6	97.6	98.2	98.2	98.2	98.3
86.3	89.8	91.4	92.8	94.0	94.1	95.2	96.0	96.3	97.5	99.0	99.2	99.8	99.8	99.8	99.9
86.3	89.8	91.4	92.8	94.0	94.1	95.2	96.0	96.3	97.5	99.0	99.2	99.8	99.8	99.8	99.9
86.3	89.8	91.4	92.8	94.0	94.1	95.2	96.0	96.3	97.5	99.0	99.2	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 681

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7012 0 COLD LAKE APT CN 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

47.8	48.3	49.5	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.9	48.9	49.0	49.0	49.0	49.1	
54.3	54.9	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.5	55.6	55.6	55.7	55.7	55.8	55.9	
54.4	55.0	55.2	55.3	55.4	55.4	55.5	55.5	55.5	55.6	55.7	55.7	55.8	55.8	55.9	56.0	
54.5	55.1	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.7	55.8	55.8	55.9	55.9	56.0	56.1	
55.3	55.8	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.6	56.6	56.7	56.7	56.8	56.9	
58.8	59.4	59.6	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.5	
63.0	63.7	63.9	64.1	64.2	64.3	64.4	64.4	64.4	64.6	64.7	64.7	64.8	64.8	64.9	65.0	
64.5	65.2	65.5	65.7	65.9	65.9	66.1	66.1	66.1	66.2	66.3	66.3	66.4	66.5	66.5	66.6	
65.8	66.7	67.1	67.3	67.5	67.5	67.7	67.7	67.7	67.8	67.9	67.9	68.1	68.1	68.2	68.3	
67.0	67.9	68.3	68.6	68.8	68.9	69.0	69.1	69.1	69.2	69.3	69.3	69.4	69.4	69.5	69.6	
67.4	68.4	68.8	69.1	69.3	69.4	69.5	69.6	69.6	69.7	69.8	69.8	69.9	70.0	70.0	70.1	
68.0	69.0	69.5	69.8	70.1	70.1	70.3	70.4	70.4	70.6	70.7	70.7	70.8	70.8	70.9	71.0	
68.6	69.7	70.2	70.6	70.9	70.9	71.1	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.7	71.8	
69.1	70.2	70.8	71.2	71.5	71.6	71.8	71.8	71.8	72.1	72.2	72.2	72.3	72.3	72.4	72.5	
69.6	70.7	71.2	71.7	72.0	72.0	72.3	72.3	72.3	72.6	72.7	72.7	72.8	72.8	72.9	73.0	
71.3	72.6	73.3	73.8	74.2	74.2	74.5	74.5	74.6	74.8	74.9	74.9	75.0	75.0	75.1	75.2	
72.9	74.4	75.2	75.7	76.2	76.2	76.6	76.6	76.7	76.9	77.0	77.0	77.1	77.2	77.2	77.3	
75.8	77.7	78.5	79.3	79.9	80.0	80.5	80.6	80.7	81.0	81.1	81.1	81.2	81.2	81.3	81.4	
76.7	78.5	79.4	80.2	80.8	81.0	81.5	81.6	81.6	82.0	82.1	82.1	82.2	82.2	82.3	82.4	
78.9	81.1	81.1	83.0	83.7	83.9	84.6	84.7	84.7	85.1	85.2	85.2	85.3	85.4	85.4	85.5	
81.1	83.6	84.6	85.6	86.5	86.7	87.4	87.6	87.7	88.1	88.2	88.2	88.4	88.4	88.5	88.6	
82.4	85.2	86.2	87.2	88.1	88.3	89.1	89.3	89.5	90.1	90.3	90.3	90.4	90.5	90.5	90.6	
83.2	86.0	87.1	88.1	89.0	89.3	90.1	90.4	90.5	91.2	91.4	91.4	91.5	91.5	91.6	91.7	
83.6	86.5	87.5	88.6	89.5	89.8	90.6	90.9	91.0	91.8	92.0	92.0	92.1	92.1	92.2	92.3	
84.0	87.1	88.2	89.3	90.2	90.4	91.3	91.6	91.8	92.6	93.2	93.2	93.4	93.4	93.5	93.6	
84.5	87.7	88.8	90.0	91.0	91.3	92.2	92.5	92.7	93.5	94.2	94.3	94.4	94.4	94.5	94.6	
85.0	88.3	89.5	90.8	91.9	92.2	93.1	93.5	93.6	94.6	95.3	95.4	95.6	95.6	95.7	95.8	
85.1	88.7	90.0	91.5	92.7	93.0	93.9	94.3	94.5	95.5	96.2	96.3	96.7	96.7	96.8	96.9	
85.2	89.0	90.4	92.0	93.4	93.7	94.9	95.4	95.6	96.7	97.5	97.6	98.0	98.0	98.2	98.3	
85.3	89.0	90.5	92.2	93.7	94.0	95.3	95.8	96.0	97.5	98.5	98.7	99.0	99.1	99.3	99.5	
85.3	89.1	90.5	92.2	93.8	94.1	95.5	96.0	96.2	97.6	98.7	98.8	99.2	99.4	99.7	100.0	
85.3	89.1	90.5	92.2	93.8	94.1	95.5	96.0	96.2	97.6	98.7	98.8	99.2	99.4	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 6983

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-2400

42.1	44.3	44.6	45.0	45.5	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.8	45.8	46.3	47.1	
44.5	46.7	47.1	47.4	47.9	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.4	48.4	48.8	49.6	
44.5	46.7	47.1	47.4	47.9	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.4	48.4	48.8	49.6	
44.5	46.7	47.1	47.4	47.9	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.4	48.4	48.8	49.6	
44.6	46.8	47.2	47.5	48.1	48.2	48.2	48.2	48.2	48.4	48.4	48.4	48.5	48.5	48.9	49.7	
46.2	48.5	48.8	49.2	49.7	49.9	49.9	49.9	49.9	50.2	50.2	50.2	50.3	50.3	50.7	51.5	
50.3	52.9	53.3	53.9	54.6	54.9	55.0	55.0	55.0	55.4	55.4	55.4	55.5	55.5	55.9	56.7	
52.7	55.5	55.8	56.6	57.3	57.6	57.7	57.7	57.7	58.0	58.0	58.0	58.2	58.2	58.6	59.4	
56.7	59.8	60.2	60.9	61.6	61.9	62.0	62.2	62.3	62.6	62.6	62.6	62.7	62.7	63.2	63.9	
58.7	62.3	62.9	63.6	64.3	64.6	64.7	64.8	64.9	65.3	65.3	65.3	65.4	65.4	65.8	66.6	
59.3	62.8	63.4	64.2	65.0	65.4	65.5	65.6	65.7	66.0	66.0	66.0	66.1	66.1	66.6	67.4	
60.0	63.7	64.3	65.0	65.9	66.3	66.4	66.5	66.6	66.9	66.9	66.9	67.0	67.0	67.5	68.3	
60.8	64.6	65.5	66.3	67.1	67.5	67.6	67.7	67.8	68.1	68.1	68.1	68.3	68.3	68.7	69.5	
61.9	65.8	66.7	67.5	68.6	68.9	69.0	69.1	69.3	69.6	69.6	69.6	69.7	69.7	70.1	70.9	
62.5	66.4	67.4	68.1	69.3	69.6	69.7	69.8	69.9	70.3	70.3	70.3	70.4	70.4	70.8	71.6	
65.3	69.1	70.4	71.1	72.3	72.6	73.0	73.1	73.3	73.6	73.6	73.6	73.7	73.7	74.1	74.9	
66.9	71.0	72.3	73.0	74.3	74.6	75.1	75.2	75.4	75.7	75.7	75.7	75.8	75.8	76.2	77.0	
68.6	73.5	75.1	76.1	77.9	78.4	79.0	79.1	79.2	79.6	79.6	79.6	79.7	79.7	80.1	80.9	
69.1	74.1	75.8	76.8	78.6	79.0	79.7	79.8	79.9	80.2	80.2	80.2	80.4	80.4	80.8	81.6	
70.6	75.7	77.4	78.4	80.1	80.6	81.2	81.4	81.5	81.8	81.8	81.8	81.9	81.9	82.4	83.1	
74.3	79.7	81.4	82.6	84.4	84.8	85.5	86.0	86.1	86.6	86.6	86.6	86.7	86.7	87.1	87.9	
75.7	81.2	83.2	84.5	86.2	86.7	87.5	88.0	88.1	89.2	89.2	89.2	89.3	89.3	89.8	90.6	
76.8	82.4	84.4	85.6	87.3	87.8	88.6	89.1	89.2	90.3	90.3	90.3	90.5	90.5	90.9	91.7	
77.6	83.2	85.2	86.5	88.2	88.7	89.5	90.1	90.2	91.3	91.3	91.3	91.5	91.5	91.9	92.7	
78.9	84.7	86.7	87.9	89.7	90.1	91.0	91.7	91.8	92.9	93.1	93.2	93.3	93.3	93.8	94.6	
79.8	85.6	87.6	88.8	90.6	91.0	91.9	92.6	92.7	93.8	94.0	94.2	94.3	94.3	94.8	95.6	
80.4	86.3	88.3	89.6	91.3	91.8	92.7	93.3	93.5	94.6	94.8	95.0	95.1	95.1	95.6	96.3	
80.5	86.6	88.7	89.9	91.7	92.1	93.3	94.0	94.1	95.2	95.4	95.7	95.9	95.9	96.3	97.1	
80.5	86.7	88.9	90.1	91.9	92.3	93.7	94.5	94.6	96.0	96.2	96.4	96.9	96.9	97.3	98.1	
80.7	86.9	89.2	90.6	92.5	92.9	94.2	95.0	95.1	96.7	97.0	97.2	97.7	97.7	98.2	99.0	
80.7	87.0	89.3	90.7	92.6	93.0	94.5	95.2	95.3	96.9	97.2	97.6	98.0	98.0	98.7	99.4	
80.7	87.0	89.3	90.7	92.6	93.0	94.5	95.2	95.3	96.9	97.2	97.6	98.0	98.0	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7112 0 COLD LAKE APT CN 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

41.9	44.3	44.5	44.5	45.1	45.1	45.2	45.5	45.5	45.5	45.7	45.7	46.0	46.0	46.3	46.6
45.1	47.5	47.7	47.7	48.3	48.3	48.4	48.7	48.7	48.7	48.9	48.9	49.2	49.2	49.5	49.8
45.1	47.5	47.7	47.7	48.3	48.3	48.4	48.7	48.7	48.7	48.9	48.9	49.2	49.2	49.5	49.8
45.1	47.5	47.7	47.7	48.3	48.3	48.4	48.7	48.7	48.7	48.9	48.9	49.2	49.2	49.5	49.8
45.8	48.3	48.5	48.5	49.1	49.1	49.2	49.5	49.5	49.5	49.7	49.7	49.9	49.9	50.3	50.6
48.3	50.7	50.9	50.9	51.5	51.5	51.6	51.9	51.9	51.9	52.2	52.2	52.4	52.4	52.7	53.0
54.5	57.3	57.8	57.8	58.4	58.4	58.5	58.8	58.8	58.8	59.0	59.0	59.2	59.2	59.6	59.9
58.7	59.6	60.1	60.1	60.8	60.8	60.9	61.2	61.2	61.2	61.5	61.5	61.7	61.7	62.0	62.3
61.0	64.1	64.7	64.8	65.6	65.7	65.9	66.3	66.3	66.3	66.6	66.6	66.8	66.8	67.1	67.4
62.2	65.7	66.3	66.4	67.2	67.3	67.6	68.0	68.0	68.0	68.2	68.2	68.4	68.4	68.8	69.1
62.5	65.9	66.6	66.7	67.4	67.6	67.8	68.3	68.3	68.3	68.5	68.5	68.8	68.8	69.1	69.4
62.9	66.4	67.1	67.2	68.0	68.1	68.3	68.9	68.9	68.9	69.1	69.1	69.3	69.3	69.7	70.0
63.2	67.0	67.7	68.0	68.8	69.0	69.2	69.8	69.8	69.8	70.0	70.0	70.2	70.2	70.5	70.9
64.0	68.0	68.7	69.2	70.0	70.2	70.4	71.0	71.0	71.0	71.2	71.2	71.4	71.4	71.8	72.1
64.7	68.7	69.3	70.0	70.8	71.0	71.3	72.0	72.0	72.0	72.2	72.2	72.4	72.4	72.8	73.1
65.7	69.9	70.5	71.2	72.0	72.3	72.9	73.5	73.5	73.5	73.8	73.8	74.0	74.0	74.3	74.6
66.8	71.1	71.8	72.5	73.4	73.8	74.3	75.0	75.0	75.0	75.2	75.2	75.4	75.4	75.7	76.1
68.9	73.9	74.9	76.0	77.3	77.6	78.3	79.0	79.0	79.0	79.3	79.3	79.5	79.5	79.8	80.2
69.2	74.2	75.2	76.4	78.0	78.3	79.0	79.6	79.6	79.6	80.0	80.0	80.2	80.2	80.5	80.8
70.8	76.0	77.0	78.4	80.2	80.5	81.5	82.3	82.3	82.3	82.6	82.6	82.8	82.8	83.2	83.5
73.0	78.5	79.6	81.2	83.4	83.7	84.7	85.7	85.7	85.7	86.0	86.0	86.3	86.3	86.6	86.9
75.4	81.3	82.4	84.3	86.5	86.8	87.9	89.0	89.0	89.8	90.1	90.1	90.4	90.4	90.7	91.0
76.1	81.9	83.1	84.9	87.2	87.5	88.6	89.7	89.7	90.5	90.8	90.8	91.0	91.0	91.4	91.7
76.9	82.9	84.1	85.9	88.2	88.5	89.6	90.7	90.7	91.5	92.0	92.0	92.2	92.2	92.6	92.9
77.3	83.6	84.7	86.7	88.9	89.3	90.5	91.6	91.6	92.5	93.2	93.2	93.5	93.5	93.8	94.1
79.0	85.4	86.5	88.5	90.7	91.0	92.2	93.4	93.4	94.2	95.0	95.0	95.2	95.2	95.6	95.9
80.0	86.4	87.6	89.6	91.8	92.1	93.4	94.5	94.5	95.3	96.1	96.1	96.3	96.3	96.7	97.0
80.4	86.9	88.3	90.3	92.5	92.8	94.0	95.1	95.1	96.0	96.8	96.8	97.1	97.1	97.5	97.8
80.4	87.2	88.5	90.5	92.8	93.1	94.5	95.8	95.8	96.8	97.6	97.6	97.9	97.9	98.2	98.6
80.5	87.3	88.6	90.6	92.9	93.2	94.6	95.9	95.9	96.9	97.8	97.8	98.1	98.1	98.4	98.8
80.5	87.3	88.6	90.6	92.9	93.2	94.6	95.9	95.9	96.9	97.9	97.9	98.2	98.2	98.8	99.3
80.5	87.3	88.6	90.6	92.9	93.2	94.6	95.9	95.9	96.9	97.9	97.9	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 903

USAFETAC 14-5 OL A PREVIOUS EDITIONS ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12.0 COLD LAKE APT CN 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

37.2	38.3	39.5	39.8	41.1	40.1	40.3	40.5	40.5	40.5	40.9	40.9	41.4	41.4	41.9	42.2
41.4	42.8	44.1	44.3	44.7	44.7	44.9	45.3	45.3	45.3	45.6	45.6	46.1	46.1	46.6	46.9
41.4	42.8	44.1	44.3	44.7	44.7	44.9	45.3	45.3	45.3	45.6	45.6	46.1	46.1	46.6	46.9
41.5	43.0	44.2	44.4	44.8	44.8	45.0	45.4	45.4	45.4	45.7	45.7	46.3	46.3	46.7	47.0
41.9	43.3	44.5	44.7	45.2	45.2	45.4	45.7	45.7	45.7	46.0	46.0	46.6	46.6	47.0	47.4
45.6	47.1	48.3	48.6	49.0	49.0	49.2	49.6	49.6	49.6	49.9	49.9	50.4	50.4	50.9	51.2
51.2	52.9	54.1	54.4	54.8	54.8	55.2	55.5	55.5	55.5	55.8	55.8	56.4	56.4	56.8	57.2
53.2	55.2	56.5	56.9	57.4	57.4	57.7	58.0	58.0	58.0	58.4	58.4	58.9	58.9	59.4	59.7
56.3	58.5	59.8	60.2	60.7	60.7	61.0	61.5	61.5	61.5	61.8	61.8	62.3	62.3	62.8	63.1
58.9	61.3	62.8	63.3	63.8	63.8	64.1	64.5	64.5	64.5	64.9	64.9	65.4	65.4	65.9	66.2
59.9	62.2	63.7	64.2	64.6	64.6	65.0	65.4	65.4	65.4	65.7	65.7	66.3	66.3	66.7	67.1
60.6	63.1	64.6	65.2	65.6	65.6	66.0	66.4	66.4	66.4	66.7	66.7	67.3	67.3	67.7	68.1
61.6	64.3	65.9	66.4	66.9	66.9	67.2	67.6	67.6	67.6	68.0	68.0	68.5	68.5	68.9	69.3
62.2	65.1	66.9	67.5	68.2	68.2	68.6	69.1	69.1	69.1	69.5	69.5	70.0	70.0	70.5	70.8
62.6	65.4	67.2	67.8	68.5	68.5	69.2	69.6	69.6	69.7	70.2	70.2	70.7	70.7	71.1	71.5
64.9	67.7	69.5	70.4	71.1	71.1	71.8	72.2	72.2	72.4	72.9	72.9	73.5	73.5	73.9	74.2
66.3	69.3	71.0	71.9	72.8	72.8	73.6	74.0	74.0	74.1	74.7	74.7	75.2	75.2	75.7	76.0
68.5	71.7	73.6	74.8	75.9	75.9	77.0	77.5	77.5	77.9	78.5	78.5	79.1	79.1	79.5	79.8
69.1	72.4	74.2	75.4	76.9	76.9	78.0	78.5	78.5	78.9	79.5	79.5	80.1	80.1	80.5	80.8
70.7	74.1	76.1	77.3	78.9	79.0	80.6	81.5	81.5	81.8	82.5	82.5	83.0	83.0	83.5	83.8
73.1	76.5	78.6	80.3	81.9	82.0	83.7	85.0	85.0	85.6	86.2	86.2	86.8	86.8	87.2	87.6
75.2	79.1	81.2	82.8	84.5	84.6	86.2	87.6	87.6	88.4	89.1	89.1	89.6	89.6	90.1	90.4
75.8	79.6	81.7	83.5	85.1	85.2	86.9	88.2	88.2	89.1	89.8	89.8	90.3	90.3	90.7	91.1
76.4	80.3	82.5	84.3	85.9	86.0	87.8	89.1	89.1	90.0	90.6	90.6	91.2	91.2	91.6	92.0
77.2	81.1	83.3	85.1	86.8	86.9	88.7	90.2	90.2	91.1	91.9	91.9	92.4	92.4	92.8	93.2
78.7	82.9	85.2	87.1	89.0	89.1	90.9	92.4	92.4	93.4	94.3	94.3	94.8	94.8	95.3	95.6
79.1	83.4	85.7	87.6	89.4	89.5	91.3	92.8	92.8	93.8	94.7	94.7	95.3	95.3	95.7	96.0
79.3	83.7	86.0	88.0	90.0	90.1	91.9	93.4	93.4	94.4	95.3	95.3	95.9	95.9	96.4	96.7
79.5	84.0	86.5	88.7	90.9	91.0	92.8	94.7	94.7	95.7	96.6	96.6	97.2	97.4	98.0	98.3
79.5	84.3	86.8	89.0	91.2	91.3	93.4	95.4	95.4	96.4	97.2	97.2	98.1	98.2	98.9	99.2
79.5	84.3	86.8	89.0	91.2	91.3	93.4	95.4	95.4	96.6	97.6	97.6	98.5	98.6	99.2	99.6
79.5	84.3	86.8	89.0	91.2	91.3	93.4	95.4	95.4	96.6	97.6	97.6	98.5	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 C COLD LAKE APT CN 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

29.6	31.8	32.1	32.9	33.2	33.3	33.8	33.8	33.8	33.5	34.2	34.2	34.7	34.8	34.5	35.1	
35.4	39.7	40.0	41.1	41.6	41.7	42.5	42.6	42.6	42.8	43.3	43.3	43.7	44.1	44.1	44.5	
36.6	39.9	40.7	41.3	41.8	41.9	42.7	42.8	42.8	43.1	43.5	43.5	44.0	44.3	44.3	44.7	
36.7	40.3	40.4	41.4	41.9	42.1	42.8	43.0	43.0	43.2	43.6	43.6	44.1	44.4	44.4	44.9	
37.1	40.5	40.8	41.6	42.4	42.5	43.4	43.5	43.5	43.7	44.2	44.2	44.6	45.0	45.0	45.4	
40.6	44.2	44.5	45.5	46.3	46.4	47.3	47.4	47.4	47.9	48.3	48.3	48.8	49.1	49.1	49.6	
49.0	53.0	53.5	54.6	55.4	55.5	56.4	56.5	56.5	56.9	57.4	57.4	57.9	58.4	58.4	59.1	
51.6	55.6	56.0	57.2	57.9	58.1	59.1	59.2	59.2	59.6	60.1	60.1	60.6	61.1	61.1	61.7	
54.0	58.4	59.1	60.3	61.1	61.3	62.3	62.4	62.4	62.9	63.3	63.3	63.9	64.3	64.3	65.[illegible]	
55.8	60.4	61.1	62.4	63.4	63.6	64.9	65.0	65.0	65.4	65.9	65.9	66.4	66.9	66.9	67.6	
55.8	60.4	61.1	62.4	63.4	63.6	64.9	65.0	65.0	65.4	65.9	65.9	66.4	66.9	66.9	67.6	
57.0	61.7	62.4	63.8	64.8	65.0	66.3	66.4	66.4	67.0	67.4	67.4	68.0	68.5	68.5	69.1	
57.8	62.5	63.2	64.5	65.5	65.8	67.1	67.2	67.3	67.9	68.3	68.3	68.9	69.4	69.4	70.0	
59.1	63.9	64.8	66.2	67.3	67.6	68.9	69.0	69.1	69.7	70.1	70.1	70.7	71.1	71.1	71.8	
59.7	64.7	65.7	67.1	68.3	68.6	70.0	70.1	70.2	70.8	71.3	71.3	71.8	72.3	72.3	72.9	
60.2	65.3	66.3	67.9	69.2	69.5	70.9	71.0	71.1	71.7	72.1	72.1	72.7	73.2	73.2	73.8	
61.1	66.2	67.2	68.9	70.4	70.6	72.1	72.3	72.4	72.9	73.4	73.4	73.9	74.4	74.4	75.1	
63.4	68.9	70.0	72.5	74.4	74.8	76.4	76.5	76.6	77.6	78.1	78.1	78.7	79.2	79.2	79.9	
64.3	69.9	71.0	73.5	75.4	75.8	77.4	77.5	77.6	78.6	79.1	79.1	79.8	80.2	80.2	80.9	
65.7	71.4	72.7	75.2	77.1	77.5	79.4	79.8	79.9	81.1	81.5	81.5	82.2	82.7	82.7	83.3	
67.7	73.4	74.8	77.6	79.6	80.3	82.2	82.8	83.0	84.3	84.8	84.8	85.5	85.9	85.9	86.6	
68.3	74.4	76.1	79.1	81.1	82.0	83.9	84.7	84.9	87.4	87.8	87.8	88.5	88.9	88.9	89.6	
68.8	74.8	76.5	79.5	81.5	82.4	84.3	85.1	85.3	88.0	88.5	88.5	89.1	89.6	89.6	90.3	
69.8	76.0	77.6	80.6	82.8	83.7	85.6	86.4	86.6	89.3	89.7	89.8	90.5	90.9	90.9	91.6	
70.2	76.5	78.5	81.9	84.0	84.9	86.9	87.7	87.9	90.6	91.4	91.5	92.2	92.6	92.6	93.3	
70.6	77.0	79.0	82.3	84.6	85.5	87.6	88.4	88.6	91.3	92.2	92.3	93.0	93.4	93.4	94.1	
70.8	77.3	79.4	82.8	85.1	86.0	88.1	88.9	89.1	91.9	92.8	93.1	93.7	94.2	94.2	94.9	
70.9	77.4	79.6	83.1	85.9	87.0	89.1	89.9	90.2	93.0	94.1	94.3	95.3	95.9	96.0	96.6	
70.9	77.4	79.6	83.3	86.5	87.6	89.9	91.1	91.3	94.1	95.2	95.9	97.2	98.0	98.1	96.8	
70.9	77.5	79.8	83.4	86.6	87.7	90.3	91.4	91.6	94.4	95.6	96.3	97.8	98.5	98.9	99.7	
70.9	77.5	79.8	83.4	86.6	87.7	90.3	91.4	91.6	94.4	95.7	96.4	97.9	98.7	99.1	100.0	
70.9	77.5	79.8	83.4	86.6	87.7	90.3	91.4	91.6	94.4	95.7	96.4	97.9	98.7	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 894

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7.12.0 COLD LAKE APT CN 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

34.9	35.8	36.4	36.6	36.8	36.9	37.1	37.1	37.1	37.2	37.2	37.2	37.4	37.4	37.4	37.5
43.7	45.4	46.0	46.3	46.5	46.8	47.3	47.3	47.3	47.4	47.4	47.4	47.7	47.7	47.7	47.8
43.7	45.4	46.0	46.3	46.5	46.8	47.3	47.3	47.3	47.4	47.4	47.4	47.7	47.7	47.7	47.8
43.8	45.5	46.1	46.4	46.6	46.9	47.4	47.4	47.4	47.5	47.5	47.5	47.8	47.8	47.8	47.9
44.7	46.4	47.0	47.3	47.7	47.9	48.4	48.4	48.4	48.5	48.5	48.5	48.8	48.8	48.8	48.9
48.7	50.7	51.3	52.0	52.3	52.7	53.2	53.2	53.2	53.4	53.4	53.4	53.6	53.6	53.6	53.7
55.4	58.2	58.8	59.5	59.8	60.3	60.9	60.9	60.9	61.1	61.1	61.1	61.3	61.5	61.5	61.7
58.6	61.1	61.7	62.5	62.9	63.3	63.9	63.9	63.9	64.2	64.2	64.2	64.4	64.7	64.7	64.9
62.0	64.4	65.2	66.0	66.3	66.6	67.3	67.4	67.4	67.8	67.9	67.9	68.1	68.3	68.3	68.6
64.5	67.0	67.9	68.8	69.6	70.0	70.7	70.8	70.8	71.1	71.3	71.3	71.5	71.7	71.7	71.9
65.3	67.9	68.8	69.7	70.5	70.9	71.5	71.7	71.7	72.0	72.1	72.1	72.4	72.6	72.6	72.8
65.7	69.2	70.1	71.0	71.9	72.4	73.3	73.4	73.4	73.7	73.8	73.8	74.0	74.3	74.3	74.5
66.8	69.4	70.2	71.1	72.0	72.5	73.4	73.5	73.5	73.8	73.9	73.9	74.2	74.4	74.4	74.6
67.1	69.7	70.6	71.5	72.6	73.0	74.0	74.2	74.2	74.5	74.6	74.6	74.8	75.1	75.1	75.3
67.7	70.4	71.3	72.1	73.3	73.7	74.7	74.8	74.8	75.3	75.4	75.4	75.6	75.8	75.8	76.1
69.1	71.8	72.8	73.8	75.2	75.6	76.6	76.7	76.7	77.3	77.4	77.4	77.6	77.9	77.9	78.1
69.9	72.9	74.0	75.2	76.5	77.1	78.2	78.3	78.3	78.9	79.0	79.0	79.2	79.4	79.4	79.6
71.6	74.8	76.1	77.4	78.7	79.3	80.6	81.1	81.2	81.8	81.9	81.9	82.1	82.3	82.3	82.6
72.0	75.3	76.5	77.9	79.2	79.8	81.1	81.5	81.7	82.3	82.4	82.4	82.7	82.9	82.9	83.1
73.2	76.4	77.7	79.1	80.4	81.0	82.6	83.3	83.4	84.5	84.7	84.8	85.0	85.2	85.2	85.5
74.4	78.2	79.6	81.2	82.7	83.2	84.8	85.7	85.8	86.8	87.1	87.2	87.5	87.7	87.7	87.9
75.8	80.3	81.9	83.7	85.2	85.8	87.4	88.3	88.4	89.6	90.2	90.3	90.5	90.7	90.7	90.9
76.3	80.8	82.4	84.3	85.9	86.5	88.0	88.9	89.0	90.3	90.8	91.1	91.4	91.6	91.6	91.8
76.7	81.2	83.1	85.0	86.8	87.5	89.0	89.9	90.0	91.3	91.8	92.2	92.5	92.7	92.7	93.0
77.5	82.2	84.2	86.1	87.9	88.6	90.2	91.1	91.2	92.5	94.1	94.4	94.7	95.0	95.0	95.2
77.7	82.6	84.7	86.6	88.4	89.0	90.6	91.5	91.6	93.1	94.9	95.4	95.9	96.1	96.1	96.3
77.7	83.0	85.1	87.0	88.8	89.5	91.1	91.9	92.1	93.5	95.3	95.9	96.3	96.5	96.5	96.8
77.7	83.0	85.1	87.0	88.8	89.5	91.1	91.9	92.1	94.0	96.0	96.5	97.1	97.3	97.4	97.7
77.7	83.2	85.3	87.5	89.6	90.4	91.9	92.8	93.0	95.0	97.1	97.9	98.8	99.0	99.1	99.3
77.7	83.2	85.3	87.5	89.6	90.4	92.1	93.0	93.1	95.1	97.4	98.2	99.1	99.6	99.8	100.0
77.7	83.2	85.3	87.5	89.6	90.4	92.1	93.0	93.1	95.1	97.4	98.2	99.1	99.6	99.8	100.0
77.7	83.2	85.3	87.5	89.6	90.4	92.1	93.0	93.1	95.1	97.4	98.2	99.1	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 894

USAF ETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

4 .0	40.1	40.3	40.5	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.6
47.5	47.9	48.5	46.7	46.9	46.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.4	
47.5	47.9	48.5	48.7	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.4	
47.7	48.2	48.7	48.9	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.6	
46.7	49.2	49.7	49.9	50.2	50.3	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.7	50.8	
51.9	52.9	53.5	53.9	54.2	54.3	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.7	54.8	
57.2	58.3	59.0	59.7	59.9	60.0	60.4	60.5	60.5	60.5	60.7	60.7	60.8	60.9	61.0	61.3	
60.5	61.8	62.7	63.4	63.7	63.8	64.3	64.4	64.4	64.4	64.6	64.6	64.7	64.8	64.9	65.1	
63.9	65.5	66.4	67.0	67.4	67.5	68.0	68.1	68.1	68.1	68.4	68.4	68.5	68.6	68.7	68.9	
67.3	69.0	69.9	70.8	71.3	71.5	72.3	72.4	72.4	72.4	72.6	72.6	72.7	72.8	72.9	73.1	
66.	69.5	70.7	71.6	72.0	72.3	73.0	73.1	73.1	73.1	73.5	73.5	73.6	73.7	73.8	74.0	
69.1	71.0	71.9	72.6	73.3	73.5	74.3	74.4	74.4	74.4	74.7	74.7	74.8	74.9	75.0	75.2	
69.8	71.8	72.7	73.8	74.3	74.5	75.2	75.4	75.4	75.4	75.7	75.7	75.8	75.9	76.0	76.2	
70.3	72.5	73.5	74.6	75.0	75.2	76.0	76.2	76.2	76.2	76.5	76.6	76.7	76.8	76.9	77.1	
70.9	73.0	74.0	75.1	75.6	75.8	76.6	76.8	76.8	76.8	77.1	77.1	77.2	77.4	77.5	77.7	
72.5	74.9	75.9	77.1	77.6	77.8	78.6	78.8	78.8	78.8	79.1	79.1	79.2	79.4	79.5	79.7	
73.8	76.6	77.8	79.0	79.7	79.9	80.8	81.0	81.0	81.0	81.4	81.4	81.5	81.6	81.7	81.9	
75.4	79.1	80.4	81.7	82.7	82.9	83.9	84.1	84.1	84.1	84.5	84.5	84.6	84.7	84.8	85.0	
75.7	79.5	81.7	82.1	83.1	83.4	84.4	84.6	84.6	84.6	84.9	84.9	85.0	85.1	85.2	85.5	
77.6	81.5	82.7	84.2	85.3	85.6	86.6	87.1	87.1	87.1	87.5	87.5	87.6	87.7	87.8	88.0	
79.1	83.5	84	[illegible]	87.5	87.7	88.9	89.8	89.8	89.8	90.2	90.2	90.3	90.5	90.6	90.8	
79.6	84.2	8[illegible]	[illegible]	88.6	88.8	90.1	91.0	91.1	91.8	92.2	92.2	92.3	92.6	92.7	92.9	
79.7	84.6	86	[illegible]	88.9	89.1	90.5	91.3	91.5	92.1	92.6	92.6	92.7	92.9	93.0	93.2	
80.1	85.0	86.7	88.5	89.6	89.8	91.1	92.0	92.1	92.8	93.2	93.2	93.3	93.6	93.7	93.9	
80.2	85.3	87.0	88.9	91.0	90.2	91.6	92.5	92.6	93.3	94.6	94.6	94.7	94.9	95.0	95.2	
80.7	85.8	87.5	89.3	91.5	90.7	92.0	92.9	93.0	93.8	95.0	95.1	95.2	95.4	95.6	95.8	
81.2	86.3	88.0	91.2	91.3	91.6	92.9	93.8	93.9	94.7	95.9	96.1	96.2	96.4	96.6	96.8	
81.5	86.7	88.5	91.0	92.1	92.3	93.8	94.8	94.9	95.8	97.2	97.4	97.8	98.1	98.2	98.4	
81.5	86.8	88.6	91.3	92.6	92.8	94.2	95.3	95.4	96.3	97.9	98.1	98.4	98.9	99.1	99.3	
81.5	86.8	88.6	91.3	92.6	92.8	94.2	95.3	95.4	96.4	98.1	98.3	98.9	99.3	99.8	100.0	
81.5	86.8	88.6	91.3	92.6	92.8	94.2	95.3	95.4	96.4	98.1	98.3	98.9	99.3	99.8	100.0	
81.5	86.8	88.6	91.3	92.6	92.8	94.2	95.3	95.4	96.4	98.1	98.3	98.9	99.3	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 12 0 COLD LAKE APT CN 73-82 26 0

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-2300

43.1	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	
47.8	48.4	48.7	48.7	49.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	
47.8	48.4	48.7	48.7	49.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	
47.8	48.4	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	
48.6	49.2	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	
51.9	52.6	52.9	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	
55.3	56.0	56.3	56.6	56.8	56.8	56.9	56.9	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.2	
58.4	59.2	59.6	59.8	60.0	60.0	60.1	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	
61.7	62.8	63.1	63.4	63.7	63.7	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	
64.7	66.1	66.7	67.3	67.7	67.7	67.9	67.9	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	
65.2	66.7	67.2	67.9	68.2	68.2	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	
66.2	68.0	68.6	69.3	69.7	69.8	70.0	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	
66.9	68.9	69.7	70.4	70.8	71.0	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	
68.3	70.3	71.1	72.0	72.3	72.6	72.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	
69.1	71.2	72.0	72.9	73.2	73.4	73.7	73.7	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	
71.2	73.6	74.4	75.3	75.9	76.1	76.3	76.4	76.4	76.4	76.8	76.8	76.8	76.8	76.8	76.8	
72.8	75.1	76.1	77.0	77.8	78.0	78.4	78.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	
74.3	77.9	79.2	80.3	81.2	81.6	82.1	82.2	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	
75.8	79.0	80.3	81.4	82.3	82.7	83.2	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	
77.4	80.8	82.3	83.7	84.6	84.9	86.8	87.0	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	
79.0	82.7	84.2	85.6	86.4	86.8	88.7	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	
79.8	83.7	85.6	87.0	88.0	88.3	90.4	91.3	91.3	91.8	92.4	92.4	92.4	92.4	92.4	92.4	
79.9	83.8	85.9	87.3	88.3	88.7	90.8	91.7	91.7	92.1	93.0	93.0	93.0	93.0	93.0	93.0	
80.0	84.2	86.3	87.8	88.8	89.1	91.2	92.2	92.2	92.7	93.6	93.6	93.6	93.6	93.6	93.6	
80.4	84.8	86.9	88.3	89.3	89.7	91.8	92.8	92.8	93.2	94.4	94.4	94.4	94.4	94.4	94.4	
81.0	85.4	87.6	89.0	90.0	90.3	92.4	93.4	93.4	93.9	95.1	95.1	95.1	95.1	95.1	95.1	
81.4	86.1	88.6	90.3	91.4	91.8	93.9	95.0	95.0	95.4	96.7	96.8	96.8	96.8	96.8	96.8	
81.9	86.6	89.0	90.9	92.2	92.6	94.7	95.8	95.8	96.3	97.6	97.7	98.6	98.6	98.6	98.6	
82.1	86.8	89.2	91.1	92.6	92.9	95.2	96.4	96.4	97.0	98.2	98.3	99.2	99.2	99.3	99.3	
82.0	86.8	89.2	91.1	92.7	93.0	95.3	96.6	96.6	97.2	98.6	98.7	99.8	99.8	99.9	99.9	
82.0	86.8	89.2	91.1	92.7	93.0	95.3	96.6	96.6	97.2	98.6	98.7	99.8	99.8	100.0	100.0	
82.0	86.8	89.2	91.1	92.7	93.0	95.3	96.6	96.6	97.2	98.6	98.7	99.8	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	41.4	41.7	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.9	42.9	43.0	43.0	43.3	43.3
44.	45.3	45.7	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.9	46.9	47.0	47.0	47.3	47.3
44.0	45.3	45.7	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.9	46.9	47.0	47.	47.3	47.3
44.0	45.3	45.7	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.9	46.9	47.0	47.	47.3	47.3
44.1	45.6	[illegible]	46.4	46.8	46.8	46.8	46.8	46.8	46.9	47.2	47.2	47.3	47.3	47.6	47.6
47.6	48.3	[illegible]	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.8	49.8	49.9	49.9	50.3	50.3
51.0	52.3	[illegible]	53.1	53.6	53.6	53.6	53.6	53.6	53.7	54.0	54.0	54.1	54.1	54.5	54.5
[illegible]	54.0	[illegible]	55.4	55.8	55.8	55.8	55.8	55.8	55.9	56.2	56.2	56.4	56.4	56.7	56.7
[illegible]	58.2	58.8	59.3	59.6	59.6	59.8	59.9	59.9	60.0	60.3	60.3	60.4	60.4	60.8	60.8
[illegible]	61.1	61.[illegible]	62.7	63.3	63.3	63.3	63.4	63.4	63.5	63.9	63.9	64.0	64.0	64.3	64.3
[illegible]	[illegible]	62.4	63.3	64.0	64.0	64.0	64.1	64.1	64.2	64.5	64.5	64.6	64.6	65.0	65.0
62.4	63.5	64.5	65.5	66.3	66.3	66.3	66.4	66.4	66.5	66.9	66.9	67.0	67.0	67.3	67.3
[illegible]	[illegible]	[illegible]	67.1	67.8	67.8	67.8	68.0	68.0	68.1	68.4	68.4	68.5	68.5	68.8	68.8
64.5	66.3	67.4	68.5	69.4	69.4	69.4	69.5	69.5	69.6	69.9	69.9	70.1	70.1	70.4	70.4
65.4	67.2	68.4	69.6	70.5	70.5	70.6	70.7	70.7	70.8	71.2	71.2	71.3	71.3	71.6	71.6
67.6	69.9	71.[illegible]	72.3	73.3	73.3	73.6	73.7	73.7	73.8	74.1	74.1	74.3	74.3	74.6	74.6
69.2	71.8	73.	74.4	75.4	75.4	75.[illegible]	76.1	76.1	76.4	76.7	76.7	76.8	76.8	77.1	77.1
71.7	75.2	76.7	78.2	79.3	79.7	80.[illegible]	80.6	80.6	80.8	81.1	81.1	81.2	81.2	81.5	81.5
72.[illegible]	75.7	77.1	78.7	79.8	80.1	80.4	81.0	81.0	81.2	81.5	81.5	81.7	81.7	82.0	82.0
73.[illegible]	77.7	79.1	80.8	81.9	82.2	82.9	83.4	83.4	83.6	84.0	84.0	84.1	84.1	84.4	84.4
76.2	80.3	81.8	83.5	84.5	85.0	85.6	86.4	86.4	86.6	87.0	87.0	87.1	87.1	87.4	87.4
77.[illegible]	81.5	83.1	84.9	86.0	86.4	87.2	88.0	88.0	89.5	89.8	89.8	89.9	89.9	90.3	90.3
77.7	81.8	83.7	85.1	86.2	86.6	87.4	88.2	88.2	89.7	90.1	90.1	90.2	90.2	90.5	90.5
78.2	82.4	84.0	85.7	87.0	87.4	88.3	89.3	89.3	90.8	91.2	91.2	91.3	91.3	91.6	91.6
79.4	84.0	85.6	87.5	88.7	89.2	90.1	91.2	91.2	93.0	94.3	94.3	94.4	94.4	94.7	94.7
79.7	84.5	86.3	88.2	89.5	89.9	90.9	92.0	92.	93.9	95.1	95.1	95.2	95.2	95.6	95.6
80.[illegible]	86.5	88.3	90.2	91.6	92.0	93.1	94.4	94.4	96.2	97.6	97.6	97.7	97.7	98.0	98.0
81.1	86.7	88.5	90.5	91.9	92.4	93.6	95.0	95.0	96.9	98.2	98.2	98.5	98.5	98.8	98.8
81.3	87.1	88.9	90.8	92.3	92.7	94.1	95.5	95.5	97.5	98.8	98.8	99.0	99.0	99.3	99.3
81.4	87.2	89.	90.9	92.4	92.8	94.3	95.6	95.6	97.6	99.0	99.0	99.3	99.3	99.7	99.7
81.4	87.2	89.	90.9	92.4	92.8	94.3	95.6	95.6	97.6	99.0	99.0	99.3	99.3	99.7	99.7
81.4	87.2	89.0	90.9	92.4	92.8	94.3	95.6	95.6	97.6	99.0	99.0	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

COLD LAKE APT CN

35.7	40.0	40.4	40.6	40.9	41.0	41.1	41.2	41.2	41.2	41.4	41.4	41.6	41.6	41.8	42.1		
43.9	45.5	45.9	46.3	46.7	46.7	47.0	47.1	47.1	47.1	47.3	47.3	47.5	47.6	47.8	48.1		
43.9	45.5	46.0	46.3	46.7	46.8	47.0	47.1	47.1	47.2	47.3	47.3	47.6	47.6	47.8	48.1		
44.0	45.6	46.0	46.4	46.8	46.8	47.1	47.2	47.2	47.2	47.4	47.4	47.6	47.7	47.9	48.1		
44.6	46.2	46.6	47.0	47.4	47.4	47.7	47.8	47.8	47.8	48.1	48.1	48.3	48.3	48.5	48.8		
47.6	49.4	49.9	50.3	50.7	50.8	51.1	51.2	51.2	51.3	51.5	51.5	51.7	51.7	51.9	52.2		
53.1	55.1	55.7	56.2	56.7	56.8	57.1	57.2	57.2	57.3	57.6	57.6	57.8	57.9	58.1	58.4		
55.7	57.8	58.4	59.0	59.5	59.6	59.9	60.0	60.0	60.2	60.4	60.4	60.7	60.8	61.0	61.3		
59.1	61.5	62.1	62.6	63.3	63.4	63.8	64.0	64.0	64.1	64.4	64.4	64.6	64.7	64.9	65.2		
61.5	64.1	64.9	65.7	66.3	66.5	66.9	67.1	67.1	67.3	67.5	67.5	67.7	67.8	68.1	68.4		
62.1	64.7	65.5	66.2	66.9	67.1	67.5	67.7	67.7	67.9	68.1	68.1	68.4	68.5	68.7	69.0		
63.1	65.9	66.7	67.5	68.2	68.4	69.8	69.0	69.1	69.2	69.5	69.5	69.7	69.8	70.0	70.3		
63.8	66.7	67.6	68.5	69.2	69.4	69.8	70.0	70.1	70.2	70.5	70.5	70.7	70.8	71.0	71.4		
64.7	67.7	68.7	69.6	70.4	70.6	71.1	71.4	71.4	71.6	71.8	71.8	72.1	72.2	72.4	72.7		
65.3	68.4	69.4	70.4	71.2	71.4	72.0	72.2	72.2	72.4	72.7	72.7	72.9	73.0	73.2	73.5		
67.1	70.3	71.4	72.4	73.3	73.5	74.2	74.5	74.5	74.7	75.0	75.0	75.2	75.3	75.5	75.8		
68.0	71.8	72.9	74.0	75.0	75.3	76.0	76.3	76.3	76.6	76.9	76.9	77.1	77.2	77.4	77.7		
70.4	74.4	75.7	77.1	78.4	78.8	79.7	80.0	80.1	80.4	80.7	80.7	80.9	81.0	81.2	81.6		
70.9	75.0	76.4	77.8	79.2	79.5	80.4	80.7	80.8	81.1	81.4	81.4	81.7	81.8	82.0	82.3		
72.5	76.7	78.1	79.6	81.1	81.4	82.7	83.2	83.3	83.7	84.0	84.0	84.2	84.3	84.6	84.9		
74.6	79.1	80.6	82.3	83.8	84.2	85.5	86.3	86.4	86.8	87.2	87.2	87.5	87.6	87.8	88.1		
75.9	80.7	82.4	84.2	85.8	86.2	87.6	88.5	88.6	89.7	90.1	90.1	90.4	90.5	90.7	91.0		
76.4	81.2	82.9	84.8	86.3	86.7	88.1	89.0	89.1	90.3	90.7	90.8	91.0	91.1	91.3	91.7		
77.0	81.9	83.7	85.6	87.1	87.6	89.0	90.0	90.0	91.2	91.7	91.7	92.0	92.1	92.3	92.6		
77.7	82.8	84.6	86.6	88.2	88.6	90.1	91.1	91.1	92.4	93.4	93.4	93.7	93.8	94.0	94.3		
78.4	83.7	85.5	87.5	89.1	89.6	91.1	92.1	92.1	93.4	94.4	94.6	94.9	95.0	95.2	95.5		
78.9	84.4	86.4	88.4	90.1	90.5	92.1	93.1	93.2	94.4	95.5	95.7	95.9	96.0	96.3	96.6		
79.2	84.7	86.7	88.8	90.6	91.1	92.7	93.8	93.8	95.2	96.3	96.5	97.0	97.2	97.4	97.7		
79.2	84.9	86.9	89.2	91.1	91.6	93.3	94.5	94.6	96.0	97.2	97.4	98.1	98.3	98.5	98.9		
79.3	85.0	87.1	89.3	91.3	91.8	93.5	94.8	94.8	96.3	97.6	97.8	98.6	98.8	99.2	99.5		
79.3	85.0	87.1	89.3	91.3	91.8	93.6	94.8	94.9	96.4	97.7	98.0	98.7	98.9	99.4	99.7		
79.3	85.0	87.1	89.3	91.3	91.8	93.6	94.8	94.9	96.4	97.7	98.0	98.7	98.9	99.4	100.0		

TOTAL NUMBER OF OBSERVATIONS 7236

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12 0 COLD LAKE APT CN 73-82 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

49.2	49.9	50.2	50.3	50.5	50.5	50.6	50.6	50.7	50.8	50.8	50.8	51.0	51.	51.1	51.2
56.2	57.1	57.3	57.5	57.7	57.8	57.9	56.0	58.0	58.1	58.2	58.2	58.3	56.3	58.4	58.5
56.3	57.1	57.4	57.6	57.8	57.8	57.9	58.0	58.1	58.1	58.2	58.2	58.3	58.3	58.5	58.6
56.4	57.2	57.5	57.7	57.9	57.9	58.0	58.1	58.1	58.2	58.3	58.3	58.4	58.4	58.5	58.7
57.1	57.9	58.2	58.4	58.6	58.6	58.7	58.8	58.8	58.9	59.0	59.0	59.1	59.2	59.3	59.4
60.1	61.0	61.2	61.5	61.7	61.8	61.9	62.0	62.0	62.1	62.2	62.2	62.3	62.3	62.4	62.5
65.4	66.4	66.7	67.0	67.3	67.4	67.6	67.6	67.5	67.8	67.9	67.9	68.0	68.0	68.2	68.3
68.1	69.1	69.4	69.5	70.2	70.2	70.4	70.5	70.5	70.7	70.8	70.8	70.9	70.9	71.0	71.2
73.4	71.6	72.0	72.5	72.8	72.9	73.1	73.2	73.2	73.4	73.5	73.5	73.6	73.7	73.8	73.9
72.4	73.7	74.1	74.6	75.0	75.1	75.3	75.4	75.4	75.6	75.7	75.7	75.8	75.9	76.0	76.1
73.3	74.6	75.1	75.5	76.0	76.1	76.3	76.4	76.4	76.6	76.7	76.7	76.8	76.9	77.0	77.1
74.7	76.1	76.5	77.1	77.5	77.6	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.4	78.5	78.7
75.6	77.0	77.5	78.1	78.5	78.6	78.8	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.6	79.7
77.0	78.5	79.0	79.6	80.1	80.2	80.4	80.6	80.6	80.8	80.9	80.9	81.0	81.1	81.2	81.3
77.8	79.4	80.0	80.5	81.1	81.2	81.4	81.6	81.6	81.8	81.9	81.9	82.0	82.1	82.2	82.3
79.6	81.6	82.3	82.9	83.5	83.6	84.0	84.1	84.1	84.3	84.5	84.5	84.6	84.6	84.7	84.9
81.3	83.2	83.8	84.5	85.2	85.3	85.7	85.9	85.9	86.1	86.2	86.2	86.4	86.4	86.5	86.7
83.4	85.5	86.2	87.0	87.8	88.0	88.4	88.6	88.6	88.9	89.0	89.0	89.2	89.2	89.3	89.5
83.9	86.0	86.8	87.6	88.4	88.6	89.0	89.2	89.2	89.5	89.6	89.6	89.8	89.8	89.9	90.1
85.2	87.5	88.3	89.2	90.0	90.2	90.8	91.1	91.1	91.4	91.5	91.5	91.7	91.7	91.8	92.0
85.5	89.0	89.8	90.6	91.7	91.9	92.5	92.9	92.9	93.2	93.4	93.4	93.5	93.5	93.7	93.8
87.3	89.9	90.8	91.8	92.8	93.0	93.6	94.1	94.1	94.7	94.8	94.8	95.0	95.0	95.1	95.3
87.7	90.3	91.2	92.3	93.2	93.5	94.1	94.5	94.6	95.2	95.3	95.3	95.5	95.5	95.6	95.8
88.0	90.7	91.7	92.8	93.8	94.0	94.7	95.1	95.2	95.8	96.0	96.0	96.1	96.2	96.3	96.4
88.4	91.2	92.2	93.3	94.3	94.6	95.3	95.7	95.8	96.4	96.7	96.8	96.9	96.9	97.1	97.2
88.7	91.6	92.6	93.8	94.8	95.1	95.8	96.3	96.3	96.9	97.3	97.4	97.5	97.6	97.7	97.8
88.9	91.9	92.9	94.1	95.3	95.5	96.3	96.7	96.8	97.4	97.8	97.9	98.0	98.1	98.2	98.4
89.1	92.1	93.2	94.4	95.6	95.9	96.6	97.1	97.1	97.8	98.2	98.3	98.5	98.6	98.7	98.9
89.1	92.2	93.3	94.6	95.8	96.1	96.9	97.4	97.5	98.2	98.6	98.7	99.0	99.0	99.2	99.3
89.2	92.3	93.4	94.7	96.0	96.3	97.1	97.6	97.7	98.4	98.9	99.0	99.3	99.4	99.6	99.7
89.2	92.3	93.4	94.7	96.0	96.3	97.1	97.6	97.7	98.5	99.0	99.1	99.4	99.5	99.7	99.9
89.2	92.3	93.4	94.7	96.0	96.3	97.1	97.6	97.7	98.5	99.0	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 63967

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

OL GAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

SKY COVER

7-12-3 STATION | SOLO LAKE ART CN STATION NAME | 73-82 PERIOD | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OBS
JAN	2-22	17.1			21.5						17.2	42.2	5.4	567
	3-5	23.8			17.2						15.9	43.4	5.3	483
	6-8	21.9			26.8						21.5	40.3	5.7	557
	9-11	4.			27.3						32.1	35.6	7.4	476
	12-14	4.5			30.1						32.3	34.2	7.1	693
	15-17	5.3			31.1						29.6	35.	7.1	338
	18-20	13.7			28.1						22.4	35.5	5.4	89
	21-23	13.4			21.5						20.3	38.7	5.3	935
TOTALS		12.8			25.3						23.7	38.3	6.7	7,079

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 12.2 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — PERIOD
FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	21.9			28.4						16.3	33.4	5.7	625
	03-05	17.5			2 .3						15.6	35.6	5.8	6 9
	06-08	8.1			32.6						26.1	33.2	5.6	785
	09-11	2.3			29.3						30.5	38.0	7.4	800
	12-14	2.1			31.1						32.9	34.9	7.3	819
	15-17	4.0			32.6						31.1	32.3	7.0	632
	18-20	7.8			33.2						27.7	31.2	6.6	797
	21-23	21.9			28.7						16.9	34.0	5.7	823
TOTALS		10.8			30.7						24.5	34.0	6.5	6479

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 12 0 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — PERIOD
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	3-02	2.6			22.8						17.1	33.6	5.6	923
	3-05	21.5			25.6						16.8	35.6	5.5	915
	6-08	3.5			35.4						27.8	33.3	6.9	886
	9-11	2.6			33.0						32.4	32.0	7.1	900
	12-14	2.7			33.7						36.0	27.6	7.0	921
	15-17	3.2			30.8						34.9	31.1	7.2	926
	18-20	4.4			32.4						30.8	32.5	7.0	893
	21-23	21.5			26.5						19.8	32.2	5.8	933
TOTALS		10.8			32.1						27.0	32.3	5.6	7237

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 12 0 — STATION
GOOSE LAKE APT CN — STATION NAME
73-82 — PERIOD
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	0-02	25.1			23.8						14.5	31.5	5.3	653
	3-05	15.4			28.2						24.9	31.7	6.3	655
	6-08	2.7			31.3						30.5	35.5	7.2	653
	9-11	2.5			32.9						33.8	33.8	7.1	654
	12-14	1.4			31.4						4.2	28.	7.3	661
	15-17	.9			31.3						37.2	32.5	7.3	678
	18-20	.9			35.2						35.7	28.2	7.1	655
	21-23	13.4			37.2						20.1	29.5	5.9	671
TOTALS		7.8			31.9						29.6	30.8	6.7	6684

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72 32 0 — COLD LAKE APT CN — 73-82 — MAY

STATION — STATION NAME — PERIOD — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	1.0			35.9						23.3	40.8	5.8	688
	03-05	3.4			35.3						34.3	27.1	5.6	893
	06-08	3.0			31.1						38.1	27.7	7.2	669
	09-11	1.8			33.0						38.7	26.5	7.1	894
	12-14	1.1			27.7						45.7	25.5	7.5	887
	15-17	1.0			28.1						46.0	24.9	7.5	911
	18-20	.4			36.1						40.6	22.8	7.0	889
	21-23	3.9			41.6						32.7	21.9	6.4	931
TOTALS		1.7			34.0						37.6	26.8	6.9	7132

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] LAKE ART CN — 73-82 — JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS SKY COVER	TOTAL NO. OF OBS
[illegible]	[illegible]-22	4.6			45.9						3.3	19.2	[illegible]	[illegible]
	3-5	1.9			33.8						27.2	22.1	5.7	641
	6-8	2.8			34.2						38.7	24.2	6.9	644
	9-11	.8			33.5						43.6	22.2	7.1	641
	12-14				27.4						49.9	22.5	7.6	626
	15-17	.2			27.7						54.5	17.6	7.5	835
	18-20	.4			34.9						48.3	16.4	7.2	622
	21-23	1.5			42.9						39.1	16.5	6.5	649
TOTALS		1.5			35.7						42.7	20.1	5.9	669

USAFETAC FORM JUL 64 0 9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFGWC/WEATHER SERVICE/MAC

SKY COVER

[illegible] STATION | GOLD LAKE APT CO STATION NAME | 73-E2 | [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN [illegible]	[illegible]
[illegible]	00-02	11.2			45.2						23.2	19.[illegible]	[illegible].4	8.9
	03-05	3.5			42.9						35.4	18.1	[illegible].3	7.9
	06-08	[illegible]			47.4						35.3	13.6	5.5	6.3
	09-11	2.2			37.8						33.3	18.7	6.6	7.1
	12-14				34.0						47.5	18.5	7.1	6.3
	15-17	.6			36.0						45.4	14.1	5.9	6.1
	18-20	1.6			42.0						44.3	12.1	5.5	6.2
	21-23	1.5			43.2						32.8	15.6	5.0	6.7
TOTALS		[illegible]			41.3						38.5	17.1	6.4	6.9

USAFETAC FORM JUL 64 0 9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 12-0 GOLD LAKE ACT CN 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	
		0	1	2	3	5	6	7	8	9	10		
AUG	0-02	1.5			33.2					23.5	15.9	7.2	69
	3-05	9.9			37.6					31.3	19.2	5.9	7[illegible]
	6-08	2.8			39.2					28.8	19.2	5.6	69
	9-11	2.[illegible]			37.2					42.5	15.2	5.8	899
	12-14	.5			32.9					46.4	19.9	7.2	68[illegible]
	15-17	1.2			34.3					46.3	16.4	7.[illegible]	899
	18-20	1.7			41.5					41.5	15.2	5.5	68[illegible]
	21-23	6.9			48.8					28.0	16.3	5.6	902
TOTALS		.5			39.1					37.6	17.9	6.4	7141

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72122 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN (TENTHS)	TOTAL (%)
SEP	2-22	21.4			23.7						19.2	31.6	5.7	63
	3-5	19.2			30.5						18.6	31.6	5.8	74
	6-8	3.2			34.7						31.5	30.5	6.9	73
	9-11	2.7			33.2						32.3	31.4	7.1	75
	12-14	2.5			22.8						42.5	26.9	7.2	63
	15-17	1.6			33.8						38.6	25.9	7.1	72
	18-20	2.2			37.7						36.5	23.6	6.8	65
	21-23	14.2			33.9						21.6	30.3	6.2	82
TOTALS		5.4			32.8						29.9	28.9	6.6	692

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] GREAT LAKES APT CN 13-82 [illegible]
STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN [illegible]	[illegible]
[illegible]	0-02	1.0			2[illegible].5						[illegible].9	35.5	5.5	[illegible]
	03-05	17.5			[illegible]						17.5	35.[illegible]	[illegible]	[illegible]
	06-08	[illegible].7			23.1						27.4	26.7	7.[illegible]	[illegible]
	09-11	1.3			27.8						5[illegible].3	27.7	7.5	[illegible]
	12-14	1.4			23.4						[illegible].3	24.4	7.1	[illegible]
	15-17	1.5			23.4						[illegible].9	24.1	7.1	[illegible]
	18-20	4.3			4[illegible].4						21.9	23.3	5.4	[illegible]
	21-23	14.9			31.8						23.8	29.5	[illegible]	[illegible]
TOTALS		7.8			32.4						[illegible].1	27.7	6.6	7.11

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

[illegible] LAKE [illegible]

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.9	5.7	[illegible]
	[illegible]	[illegible]	24.3	18.8	33.1	[illegible]	[illegible]
	[illegible]	2.1	[illegible]	24.4	27.6	5.8	[illegible]
	[illegible]	[illegible]	26.9	34.1	37.5	7.6	[illegible]
	[illegible]	[illegible]	23.7	32.2	[illegible]	7.5	[illegible]
	[illegible]	[illegible]	[illegible]	31.7	[illegible]	7.2	[illegible]
	[illegible]	[illegible]	21.[illegible]	21.5	34.7	[illegible]	[illegible]
	[illegible]	[illegible]	17.2	15.5	35.9	5.8	[illegible]
TOTALS		[illegible]	[illegible]	24.2	[illegible]	6.5	[illegible]

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] (STATION) COLD LAKE APT CN (STATION NAME) 72-92 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	[illegible]	[illegible]
[illegible]	[illegible]-08	1.2			22.6						18.3	43.[illegible]	5.5	[illegible]
	[illegible]-05	1.5			22.4						16.4	42.7	5.4	[illegible]
	[illegible]-[illegible]	[illegible]			23.3						21.7	44.4	7.1	[illegible]
	[illegible]-11	3.6			[illegible].1						23.7	43.7	8.3	[illegible]
	1[illegible]-14	1.[illegible]			23.7						23.3	41.3	7.8	[illegible]
	[illegible]-17	2.3			23.1						21.2	37.7	7.5	[illegible]
	[illegible]-[illegible]	[illegible].5			24.9						21.2	[illegible]	7.2	[illegible]
	[illegible]-23	15.5			[illegible].2						23.2	45.[illegible]	5.8	[illegible]
TOTALS		.7			23.3						24.4	42.7	7.2	[illegible]

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 12 [illegible] — COLD LAKE, AFT CN — 72-82 — ALL

STATION — STATION NAME — PERIOD — HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	A
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	[illegible]			[illegible]						23.7	28.3	[illegible]	[illegible]
FEB		[illegible]			[illegible]						24.5	34.2	[illegible]	5974
MAR		[illegible]			[illegible]						27.2	32.3	[illegible]	[illegible]
APR		7.8			21.9						22.6	[illegible]	5.7	5884
MAY		[illegible]			34.2						37.5	24.5	5.9	7132
JUN		[illegible]			35.7						42.7	[illegible]	[illegible]	669
JUL		[illegible]			41.7						36.[illegible]	17.1	[illegible]	5[illegible]9
AUG		[illegible]			3[illegible].1						37.5	17.9	5.4	7141
SEP		[illegible]			32.6						29.9	28.9	5.6	692[illegible]
OCT		7.8			32.4						32.1	[illegible]	5.6	7.11
NOV		[illegible]			[illegible]						24.2	36.[illegible]	5.6	5477
DEC		[illegible]			27.3						24.4	42.7	7.2	7194
TOTALS		7.8			[illegible]						31.[illegible]	9.2	5.7	63[illegible]8

USAFETAC FORM JUL 64 0 9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

E

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
7 12 COLD LAKE APT CN 73-82
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 90								.6					.1
≥ 85						1.7	3.3	2.3	.7				.7
≥ 80				1.0	1.9	7.6	13.5	9.0	2.3	.3			3.0
≥ 75				3.0	7.8	18.9	36.2	21.3	6.7	.6			7.9
≥ 70				6.0	22.3	40.2	57.4	41.3	17.3	4.5			16.6
≥ 65				11.0	37.5	59.5	83.2	61.0	29.3	5.2	.3		23.9
≥ 60				19.0	56.0	86.3	95.4	79.0	49.3	15.2			33.3
≥ 55				31.7	74.8	97.9	100.0	94.2	69.0	29.7	2.3		41.6
≥ 50			3.9	47.3	89.0	100.0		99.4	85.3	50.6	5.4		48.4
≥ 45	.6	1.8	11.6	65.0	94.5			100.0	94.7	70.0	10.7	.6	54.2
≥ 40	1.9	8.5	25.5	76.7	97.1				97.7	80.0	19.1	1.6	59.1
≥ 35	6.8	22.0	39.0	86.3	98.7				99.0	91.9	38.1	6.8	65.7
≥ 30	13.9	31.6	55.2	93.0	100.0				99.3	97.7	51.2	14.2	71.4
≥ 25	20.6	38.3	68.1	94.7					99.7	99.0	62.2	28.4	76.0
≥ 20	24.2	44.7	78.1	97.0					100.0	100.0	71.6	39.0	79.6
≥ 15	35.2	53.9	87.4	98.3							82.6	49.7	84.0
≥ 10	47.7	66.7	94.2	100.0							88.6	62.3	88.3
≥ 5	57.4	73.8	97.7								93.6	73.5	91.4
≥ 0	65.2	80.5	99.7								98.0	80.0	93.6
≥ -5	73.5	88.7	100.0								99.3	86.6	95.7
≥ -10	82.9	95.4									100.0	91.9	97.5
≥ -15	91.6	99.6										95.5	98.9
≥ -20	97.4	100.0										98.4	99.6
≥ -25	100.0											99.4	99.9
≥ -30												100.0	100.0
MEAN	3.0	17.4	30.0	48.3	61.1	67.7	71.9	67.6	59.8	49.2	28.2	13.5	43.6
S.D.	16.973	16.890	12.162	13.370	9.964	7.601	6.795	6.662	10.123	10.433	14.111	15.362	25.297
TOTAL OBS	310	282	317	300	309	291	304	310	300	310	299	310	3635

USAFETAC FORM 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

7 12 0 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 55							.3						.1
≥ 60						1.7	5.3	2.6					.8
≥ 55					1.6	11.0	32.6	19.4	.3				5.4
≥ 50				1.7	9.4	40.2	76.0	49.7	6.3	.3			15.3
≥ 45				4.3	28.2	74.2	95.7	77.7	30.7	3.2			26.1
≥ 40				9.3	49.8	89.7	99.7	89.0	59.7	12.3			34.1
≥ 35				23.0	76.1	98.6	100.0	98.1	82.3	33.9	2.0		42.8
≥ 33	.3	.7	1.6	29.7	82.8	100.0		99.0	89.0	44.2	2.7		45.9
≥ 30	1.0		4.5	51.3	92.2			100.0	96.3	66.8	9.4	.6	52.0
≥ 25	3.9	3.9	14.8	77.3	97.7				99.0	86.5	25.1	2.9	57.3
≥ 20	5.5	9.9	25.2	88.3	100.0				99.7	93.2	41.1	6.1	64.2
≥ 15	10.3	18.6	43.5	92.3					100.0	99.0	54.8	13.9	69.5
≥ 10	16.1	28.7	58.4	93.3						100.0	67.9	24.2	74.3
≥ 5	26.1	35.8	68.1	95.0							76.3	41.6	78.7
≥ 0	36.5	48.2	79.4	96.3							82.9	55.2	83.2
≥ -5	43.2	58.5	85.5	98.0							86.3	62.9	86.4
≥ -10	51.9	70.2	90.0	99.3							94.0	72.9	89.9
≥ -15	64.2	80.5	95.2	99.7							97.7	81.0	93.2
≥ -20	73.2	86.9	97.4	100.0							99.3	87.7	95.4
≥ -25	82.6	91.8	99.7								100.0	91.3	97.1
≥ -30	91.9	97.2	100.0									95.6	98.7
≥ -35	96.1	98.9										98.4	99.4
≥ -40	98.7	99.6										99.4	99.6
≥ -45	99.7	100.0										100.0	100.0
≥ -50	100.0												100.0
MEAN	-7.8	-1.5	10.0	28.5	39.8	47.6	52.3	48.6	40.6	31.7	13.9	-1.4	25.2
S.D.	17.077	16.034	13.778	10.785	7.285	5.828	4.645	6.375	6.305	7.047	13.368	15.175	23.535
TOTAL OBS	310	282	310	300	309	291	304	310	300	310	299	310	3535

USAFETAC FORM 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
71120 COLD LAKE APT CN 73-82
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 75						.3	.7	.6					.1
≥ 70					.3	2.7	5.9	5.2					1.2
≥ 65				1.3	2.3	14.4	33.6	20.6	1.7				5.2
≥ 60				2.7	12.6	34.4	72.7	41.9	9.7	.6			14.6
≥ 55				7.0	33.7	70.4	96.4	71.9	29.3	4.8			26.1
≥ 50				13.3	55.3	94.2	100.0	90.3	57.3	12.9			39.2
≥ 45				27.3	79.3	99.7		97.1	82.7	31.0	1.7		43.2
≥ 40	.3	.4	2.9	46.3	93.5	100.0		100.0	94.3	56.1	7.0		50.1
≥ 35	1.0	2.8	11.6	71.7	96.1				98.7	80.3	13.7	1.0	55.5
≥ 30	4.2	9.2	28.4	86.0	98.7				99.0	91.6	29.8	3.2	62.6
≥ 25	9.0	19.1	42.9	92.0	100.0				99.3	96.5	48.2	9.0	68.1
≥ 20	14.6	29.4	55.8	93.0					100.0	100.0	60.5	19.4	72.6
≥ 15	22.3	40.1	69.7	94.0							71.6	34.2	77.7
≥ 10	31.3	46.1	80.6	97.0							79.3	46.5	81.8
≥ 5	42.6	57.4	87.7	98.7							86.3	59.4	86.1
≥ 0	49.4	67.4	91.6	100.0							91.6	69.4	89.1
≥ -5	59.0	77.0	96.1								95.3	76.5	92.0
≥ -10	69.4	83.0	99.7								99.0	83.5	94.6
≥ -15	78.4	91.1	100.0								99.7	90.6	96.6
≥ -20	88.7	96.5									100.0	94.5	98.3
≥ -25	95.2	99.6										96.8	99.3
≥ -30	98.4	100.0										99.0	99.6
≥ -35	99.7											99.7	99.9
≥ -40	100.0											100.0	100.0
MEAN	.1	0.0	20.2	38.7	55.7	57.9	62.4	58.3	50.5	40.7	21.2	6.1	34.6
S.D.	16.674	16.101	12.450	11.484	7.687	5.746	4.740	6.797	7.129	8.090	13.466	15.027	24.226
TOTAL OBS	310	282	310	300	309	291	304	310	300	310	299	310	3635

USAFETAC FORM 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7.12.0 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANY MONTHS
73	43	47	51	54	82	87	86	83	73	56*	30	27	87
74	29.	38.	37.	75.	73	87*	88.	85.	70.	74.	54.	42.	* 88.
75	35	46	42	62*	71	80	87	78	77	78	66	41	87
76	44	42	51	71.	80	80.	80.	82.	77.	64.	59.	39.	82
77	37	44	48	82	77	84	84	75	70	64	41	25	84
78	30.	45	50.	70.	81.	88.	82.	84.	77.	73.	57.	37.	88.
79	30	14	50	54	79	82	88	86	81	70	57	39	88
80	40.	39.	46.	84.	82.	82.	82.	79.	81.	81.	54.	46.	84.
81	37	45	54	68	77	77	86	91	88	63	57	39	91
82	16.	43.	41.	68	75*	86*	81	75.	75.	72.	37.	30.	* 86
MEAN	35.2	40.3	47.0	69.8	78.4	83.0	84.4	81.8	77.5	69.5	53.6	36.5	66.2
S D	8.728	9.684	5.395	9.004	3.167	3.775	2.825	5.095	4.952	7.663	9.029	6.868	3.371
TOTAL OBS	310	282	310	300	309	291	304	310	300	310	299	310	3635

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AN 64 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

712120 COLD LAKE APT CN 73-82

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	6 MONTHS
73	-35	-28	1	15	30	33	44	35	26	24*	-18	-33	-35
74	-35	-39	-24	18	20	36*	42	33	15	15	2	-5	-39
75	-29	-30	-26	-8*	30	29	46	37	30	12	-21	-35	-35
76	-37	-19	-19	23	26	35	42	42	35	15	-12	-26	-37
77	-37	-1	-12	5	27	34	37	32	34	19	-17	-44	-44
78	-35	-33	-20	9	25	34	43	34	26	21	-24	-38	-38
79	-31	-44	-20	-11	21	36	46	41	34	19	-6	-29	-44
80	-30	-17	-22	21	28	36	41	34	27	18	-11	-27	-38
81	-11	-29	-4	9	28	36	45	37	26	14	12	-35	-35
82	-47	-36	-22	-17	21*	34*	45	30	27	19	-17	-24	-47
MEAN	-33.5	-27.6	-16.8	6.4	25.1	35.7	43.0	35.5	28.4	17.6	-10.7	-29.6	-39.3
S.D.	9.229	12.474	8.942	14.025	3.621	1.936	3.024	3.808	5.758	3.596	11.269	10.564	3.777
TOTAL OBS	310	282	310	300	309	291	304	310	300	310	299	31	3635

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUN 64 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
71230	COLD LAKE APT CN	73-82	JAN

PAGE 1 0000-0200 HRS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.1														1	1		
38/ 37		.1	.2															3	3		
36/ 35		.1	.8	.6														13	13	1	
34/ 33		.6	.6	.1														11	11	6	
32/ 31		1.0	.6															14	14	18	4
30/ 29	.1	.8	.3															11	11	17	2
28/ 27		.7	.9															14	14	12	16
26/ 25		.9	.1															9	9	6	11
24/ 23	.1	.7																7	7	13	17
22/ 21	.6	.7																11	11	14	11
20/ 19	.5	1.9																21	21	14	14
18/ 17	1.4	2.3																32	32	36	41
16/ 15	1.4	2.0																30	30	25	26
14/ 13	2.7	1.5																37	37	36	44
12/ 11	1.5	1.8																29	29	27	28
10/ 9	2.7	2.9																50	51	45	27
8/ 7	1.8	2.1																35	35	38	29
6/ 5	1.2	1.8																27	27	27	34
4/ 3	1.5	2.5																35	35	40	24
2/ 1	1.4	2.8																37	37	41	31
0/ -1	2.6	.3																26	26	28	38
-2/ -3	2.5	.3																25	25	26	24
-4/ -5	3.4	.5																34	34	33	41
-6/ -7	3.6	.5																36	36	36	17
-8/ -9	3.4																	30	30	31	20
-10/-11	5.4																	48	48	46	42
-12/-13	2.9																	26	26	26	23
-14/-15	3.8																	34	34	34	32
-16/-17	3.0																	27	27	27	26
-18/-19	2.3																	20	20	20	29
-20/-21	3.0																	27	27	27	26
-22/-23	5.0																	44	44	44	44
-24/-25	1.5																	13	13	13	35
-26/-27	2.1																	19	19	19	28

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200	COLD LAKE APT CN	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-28/-29	1.7																	15	15	15	29
-30/-31	1.6																	14	14	14	31
-32/-33	.3																	3	3	3	14
-34/-35	.6																	5	5	5	14
-36/-37	.8																	7	7	7	20
-38/-39	.6																	5	5	5	17
-40/-41	.3																	3	3	3	9
-42/-43																					14
-44/-45																					4
-46/-47																					3
TOTAL	67.0	28.7	3.5	.9														888	889	888	888

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4755579	64143	72.2	11.744	888							
Dry Bulb	274023	-805	-.9	17.543	889	49.2	90.1					93
Wet Bulb	257023	-1261	-1.4	16.763	888	48.8	92.1					93
Dew Point	368361	-6893	-7.8	18.841	888	58.6	93.2					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 1 — 0300-0500 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
38/ 37		.3	.2	.2														7	7		
36/ 35			.1	.6														6	6	3	
34/ 33		.2	.9	.3														13	13	4	3
32/ 31	.1	.7	1.0															16	16	11	2
30/ 29		.8	.3															10	10	22	3
28/ 27	.3	.6	.2															10	10	17	9
26/ 25	.2	.8	.2															11	11	6	11
24/ 23	.1	.4	.2															7	7	10	14
22/ 21	.8	1.0																16	16	16	23
20/ 19	.3	.9																11	11	11	7
18/ 17	1.3	1.8																28	28	34	9
16/ 15	1.4	2.3																34	34	25	20
14/ 13	2.7	1.8																40	40	44	52
12/ 11	2.6	1.3																35	35	35	30
10/ 9	2.0	2.3																39	39	31	36
8/ 7	1.4	2.6																36	36	32	29
6/ 5	1.3	1.8																28	28	33	27
4/ 3	1.0	2.1																28	29	36	27
2/ 1	1.4	1.9																30	30	27	18
0/ -1	3.8	.3																37	37	42	25
-2/ -3	2.1	.1																20	20	23	28
-4/ -5	4.2	.7																44	44	43	45
-6/ -7	3.2																	29	29	30	25
-8/ -9	3.9	.2																37	37	36	19
-10/-11	4.6																	41	41	42	22
-12/-13	4.3																	39	39	39	25
-14/-15	3.6																	32	32	32	22
-16/-17	3.0																	27	27	27	23
-18/-19	2.5																	22	22	22	32
-20/-21	3.6																	32	32	32	30
-22/-23	4.1																	37	37	37	48
-24/-25	1.6																	14	14	14	32
-26/-27	2.3																	21	21	21	35
-28/-29	1.6																	14	14	14	32

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
71200	COLD LAKE APT CN	73-82	JAN

PAGE 2 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	1.3																	12	12	12	12	26
-32/-33	1.0																	9	10	9	9	23
-34/-35	.4																	4	5	4	4	18
-36/-37	.3																	3	3	3	3	14
-38/-39	.9																	8	8	8	8	15
-40/-41	.9																	8	8	8	8	9
-42/-43	.2																	2	2	2	2	10
-44/-45																						11
-46/-47																						5
-48/-49																						3
TOTAL	77.7	15.0	3.2	1.1														897	900	897	897	897

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4834409	64957	72.4	12.068	897							
Dry Bulb	287402	-1600	-1.8	17.791	900	51.0	90.3					93
Wet Bulb	269039	-1951	-2.2	17.191	897	51.8	92.3					93
Dew Point	391152	-7608	-8.5	19.093	897	59.8	92.7					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112 [illegible] COLD LAKE APT CN 73-82 JAN

STATION STATION NAME YEARS

PAGE 1 [illegible]

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WB	TOTAL Wet B	TOTAL Dew P
44/ 43			.1															1	1		
[illegible]		.1		.1	.3													5	5	1	
[illegible]				.1														1	1	1	
[illegible]			.2															2	2		2
34/ 33		.2	.8	.1														10	10	3	
[illegible]		.3	1.0															12	12	12	2
[illegible]	.2	.9	.5															14	14	13	3
[illegible]	.1	1.0	.3															13	13	17	8
[illegible]		.7	.2															8	8	10	5
[illegible]	.3	.9																11	11	10	[illegible]
[illegible]	.5	.7																10	10	15	23
[illegible]	.9	.8																15	15	14	10
1/ 17	1.5	1.0																18	18	22	14
[illegible]	1.7	1.2																25	25	22	17
[illegible]	2.4	2.4																46	46	41	36
1/ 11	1.4	2.2																31	31	27	26
[illegible]	2.6	1.																32	32	41	34
[illegible]	2.3	1.6																34	34	26	28
[illegible]	1.2	1.5																26	26	25	31
[illegible]	1.7	2.5																37	39	45	23
[illegible]	1.2	2.8																34	35	32	20
[illegible]	2.1	.2																20	20	26	20
[illegible]	2.3	.3																32	32	34	36
[illegible]	4.3	.2																39	39	39	34
[illegible]	4.1																	36	36	36	20
[illegible]	4.5																	39	39	39	21
[illegible]	4.3																	37	38	37	28
[illegible]	4.4																	38	39	38	33
[illegible]	3.6																	23	23	23	26
[illegible]	3.5																	30	30	30	27
[illegible]	3.1																	27	27	27	21
[illegible]	3.7																	32	32	32	36
[illegible]	3.5																	30	30	30	41
[illegible]	3.2																	19	19	19	32

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel Hum					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	JAN

PAGE 2 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/-27	2.6																	23	23	23	29
28/-29	1.4																	12	12	12	22
30/-31	1.0																	9	9	9	23
32/-33	1.2																	10	11	10	26
34/-35	1.0																	9	11	9	14
36/-37	.5																	4	4	4	24
38/-39	.2																	2	2	2	12
40/-41	.8																	7	7	7	9
42/-43	.5																	4	4	4	9
44/-45	.2																	2	4	2	9
46/-47																					7
48/-49																					6
50/-51																					1
TOTAL	72.5	23.6	3.2	.3	.3													869	878	869	869

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4623249	62555	72.1	11.769	869							
Dry Bulb	282702	-2312	-2.6	17.760	878	52.0	91.0					93
Wet Bulb	260555	-2473	-2.8	17.090	869	52.7	92.5					93
Dew Point	389176	-8052	-9.3	19.037	869	61.4	92.8					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71120	COLD LAKE APT CN	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0900-1100 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 45			.1															1	1		
44/ 42			.1		.1													2	2		
42/ 41		.1			.1													2	2	1	
40/ 39				.2														2	2	2	
38/ 37				.1														1	1		
36/ 35		.1	.1															2	2	1	3
34/ 33	.1	.3	.3	.3														10	10	7	1
32/ 31		.1	.5															5	5	6	3
30/ 29		.5	.5															8	8	7	2
28/ 27		1.6	.9															22	22	10	
26/ 25	.5	1.1	.3															17	17	23	12
24/ 23	.2	1.3																13	13	15	12
22/ 21	1.0	.5	.1															14	14	24	15
20/ 19	.2	.7	.1															9	9	9	23
18/ 17	1.1	1.1	.1															21	21	20	13
16/ 15	1.4	.9																20	21	21	25
14/ 13	2.8	2.7																49	49	41	31
12/ 11	1.7	2.3																35	35	30	24
10/ 9	2.3	1.6																34	34	40	39
8/ 7	1.7	1.7																30	30	28	24
6/ 5	1.6	2.3																34	34	30	33
4/ 3	1.5	2.3																33	33	42	19
2/ 1	1.6	2.7																38	38	31	23
0/ -1	2.7	.6																29	29	38	28
-2/ -3	3.2	.3																31	31	36	26
-4/ -5	4.7	.8																48	48	43	38
-6/ -7	3.6	.1																33	33	37	20
-8/ -9	4.3																	35	35	36	40
-10/-11	3.5																	31	31	31	21
-12/-13	2.8																	25	25	25	26
-14/-15	3.5																	31	31	31	35
-16/-17	2.8																	25	25	25	31
-18/-19	3.6																	32	32	32	19
-20/-21	3.5																	31	31	31	23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	JAN

 0900-1100 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	.2																	46	46	46	48
-24/-25	1.1																	10	10	10	27
-26/-27	.1																	18	18	18	33
-28/-29	1.6																	14	14	14	33
-30/-31	.7																	6	6	6	23
-32/-33	1.0																	9	9	9	21
-34/-35	.6																	5	5	5	24
-36/-37	.6																	5	5	5	13
-38/-39	.2																	2	2	2	13
-40/-41	.7																	6	6	6	13
-42/-43	.3																	3	3	3	7
-44/-45	.1																	1	2	1	6
-46/-47																			1		6
-48/-49																					2
TOTAL	70.2	25.7	3.2	.7	.2													878	881	878	878

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4636305	62953	71.7	11.821	878							
Dry Bulb	270643	-1495	-1.7	17.455	881	50.5	90.9					93
Wet Bulb	250916	-1822	-2.1	16.787	878	51.9	91.8					93
Dew Point	371038	-7550	-8.6	18.683	878	61.0	92.6					93

USAFETAC FORM JUN 71 0-26 3 VOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
48/ 47				.1	.2													3	3		
46/ 45					.7													6	6		
44/ 43				.1														1	1		
42/ 41				.1	.1													2	2	1	
40/ 39				.3														3	3	2	
38/ 37		.3	.1															4	4	7	
36/ 35		.2	.6	.1														8	8	6	
34/ 33		.1	.6	.8														13	13	6	3
32/ 31	.1		1.0	.1														11	11	11	6
30/ 29		2.0	.7	.3														27	27	16	4
28/ 27	.1	.2	1.8	.1														20	20	22	8
26/ 25	.9	1.8	1.0															33	33	22	25
24/ 23	.2	2.1	.7															27	27	37	15
22/ 21	.2	1.3																14	14	34	24
20/ 19	.6	1.5																18	18	20	19
18/ 17	1.0	1.9																26	26	22	26
16/ 15	1.3	1.9	.2															31	31	32	35
14/ 13	2.1	3.0	.1															47	47	31	46
12/ 11	.9	2.6																31	32	40	34
10/ 9	.3	2.4	.2															26	26	24	23
8/ 7	1.0	3.0																36	36	31	16
6/ 5	.8	3.3	.1															37	37	34	28
4/ 3	.3	3.0																30	30	43	29
2/ 1	.3	2.9																29	29	29	29
0/ -1	3.6																	32	32	45	28
-2/ -3	2.2	1.1																30	31	26	20
-4/ -5	3.6	2.2																52	52	51	27
-6/ -7	2.9	1.0																35	35	34	32
-8/ -9	3.8																	34	34	40	42
-10/-11	3.1																	28	28	28	24
-12/-13	3.8																	34	34	34	25
-14/-15	4.3																	38	38	38	30
-16/-17	2.9																	26	26	26	26
-18/-19	2.4																	21	21	21	23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 2 — 1200-1400 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	2.9																	26	26	26	31
-22/-23	3.3																	29	29	29	51
-24/-25	1.1																	10	10	10	32
-26/-27	.7																	6	6	6	34
-28/-29	.3																	3	3	3	28
-30/-31																					23
-32/-33	.1																	1	1	1	19
-34/-35	.1																	1	1	1	15
-36/-37	.1																	1	1	1	5
-38/-39																					3
-40/-41																					2
TOTAL	51.7	38.1	7.1	2.1	1.0														892		890
																		890		890	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4291422	60852	68.4	12.129	890							
Dry Bulb	269750	3448	3.9	16.964	892	42.5	88.8					93
Wet Bulb	236826	2656	3.0	16.046	890	43.9	90.7					93
Dew Point	305969	-3915	-4.4	18.022	890	54.3	92.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 1 1500-1700 HOURS

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
46/ 45					.2													2	2		
44/ 43				.8	.1													8	8		
42/ 41				.2														2	2		
40/ 39					.1													1	1		
38/ 37		.1	.3	.1	.1													6	6	9	
36/ 35		.2	.4	.2	.1													9	9	5	
34/ 33		.3	1.4	.6														21	21	5	
32/ 31		.6	1.4	.1														19	19	21	5
30/ 29		1.1	.7	.3														19	19	20	5
28/ 27		.6	2.2	.2														27	27	20	19
26/ 25	.2	1.4	1.1															25	25	19	16
24/ 23	.1	2.8	.6	.2														33	33	38	18
22/ 21	1.2	1.3	.2															25	25	42	20
20/ 19	.1	1.3																13	13	20	27
18/ 17	.9	1.4	.4	.1														26	26	26	27
16/ 15	.7	2.1																25	25	28	36
14/ 13	1.3	3.6																45	45	32	42
12/ 11	.9	4.3	.1															48	48	35	24
10/ 9	.4	3.3																34	35	45	28
8/ 7	.3	3.8																37	37	30	31
6/ 5	.3	2.0																21	22	37	25
4/ 3	.1	3.0																28	28	30	25
2/ 1	.1	2.2																21	21	27	43
0/ -1	2.9	.3																29	29	32	21
-2/ -3	3.0	1.9																44	45	44	24
-4/ -5	3.3	3.1																58	58	53	34
-6/ -7	2.4	1.8																38	38	35	14
-8/ -9	3.8	.1																35	35	45	31
-10/-11	3.3																	30	30	31	37
-12/-13	3.4																	31	31	31	29
-14/-15	3.9																	35	35	35	39
-16/-17	2.9																	26	26	26	27
-18/-19	2.4																	22	22	22	27
-20/-21	2.5																	23	23	23	40

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM JUN 71 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-62 (YEARS) JAN (MONTH)

PAGE 2 1500-1700 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	3.4																	31	31	31	43
-24/-25	.7																	6	6	6	30
-26/-27	.2																	2	2	2	34
-28/-29																					22
-30/-31																					19
-32/-33																					18
-34/-35																					12
-36/-37																					5
TOTAL	44.9	42.7	9.0	2.9	.7													908		905	
																		905		905	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4140054	60272	66.6	11.806	905							
Dry Bulb	275182	4450	4.9	16.714	908	42.1	88.0					93
Wet Bulb	236756	3496	3.9	15.715	905	42.7	91.0					93
Dew Point	296725	-3591	-4.0	17.677	905	52.8	93.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PAGE 1 1800-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
42/ 41				.5														4	4			
4 / 39			.2	.6														7	7			
38/ 37			.1	.1														2	2			
36/ 35		.2																2	2	9		
34/ 33		.7	1.1	.1	.1													18	18	7		
32/ 31		.7	1.1	.1														17	17	12	5	
30/ 29	.2	.6	1.2	.1														19	19	17	10	
28/ 27	.2	.3	1.1															15	15	12	11	
26/ 25	.2	1.6	.3															19	19	23	14	
24/ 23	.3	.9	.3															14	14	25	12	
22/ 21	.8	2.6	.3															33	33	27	14	
2 / 19	.6	1.9	.1															23	24	30	26	
18/ 17	1.1	1.1	.1															21	21	25	28	
16/ 15	.7	1.5	.5															23	23	17	29	
14/ 13	1.2	1.9	.1															29	29	34	31	
12/ 11	1.5	3.3																42	42	24	26	
10/ 9	1.8	5.0	.1															61	61	52	32	
8/ 7	1.0	2.5																31	31	48	35	
6/ 5	.9	1.2																19	19	30	17	
4/ 3	1.7	2.6																38	38	39	33	
2/ 1	.6	2.4																26	26	25	41	
0/ -1	2.0	.3																21	21	25	30	
-2/ -3	2.3	.1																21	21	23	27	
-4/ -5	3.2	1.2																39	39	38	32	
-6/ -7	3.2	1.2																39	39	39	17	
-8/ -9	6.0																	53	53	55	20	
-10/-11	4.6																	41	41	41	19	
-12/-13	4.2																	37	37	37	25	
-14/-15	3.3																	29	29	29	37	
-16/-17	2.7																	24	24	24	34	
-18/-19	2.6																	23	23	23	33	
-20/-21	2.6																	23	23	23	35	
-22/-23	3.3																	29	29	29	52	
-24/-25	2.5																	22	22	22	25	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 2 — HOURS 1600-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-26/-27	1.6																	14	14	14	31
-28/-29	.9																	8	8	8	29
-30/-31	.2																	2	2	2	17
-32/-33																					19
-34/-35																					18
-36/-37																					20
-38/-39																					3
-40/-41																					1
TOTAL	57.8	33.8	6.9	1.5	.1													888	889	888	888

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4481758	62246	70.1	11.559	888	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	357455	1987	2.2	16.880	889	44.5	89.5					93
Wet Bulb	231460	1320	1.5	16.085	888	45.2	91.3					93
Dew Point	312085	-4807	-5.4	17.958	888	54.9	93.0					93

USAFETAC FORM 0-26-3 OL A, JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	JAN

PAGE 1 2100-2300 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41				.1														1	1	
40/ 39			.1	.3														4	4	
38/ 37			.4															4	4	
36/ 35		.1	.4	.3														8	8	3
34/ 33		.2	.3	.2														7	7	9
32/ 31		1.0	.8															16	16	10 2
30/ 29	.3	.7	.4	.1														14	14	17 8
28/ 27	.3	1.4	1.1															26	27	19 11
26/ 25	.2	1.1	.1															13	13	15 20
24/ 23	.7	.6	.1															12	12	26 16
22/ 21	.8	1.2	.1															19	19	17 19
20/ 19	.7	1.7																21	21	23 17
18/ 17	.9	1.7	.4															27	27	25 15
16/ 15	1.3	1.1																22	22	22 23
14/ 13	1.7	2.8	.3															43	43	30 44
12/ 11	1.1	2.3	.1															32	32	34 21
10/ 9	2.9	3.7																60	61	51 22
8/ 7	1.7	1.9																32	32	45 39
6/ 5	1.2	1.5																25	25	27 28
4/ 3	1.7	2.5																38	38	39 31
2/ 1	1.1	3.0																37	37	40 34
0/ -1	2.2																	20	20	29 37
-2/ -3	2.3																	21	21	21 28
-4/ -5	3.1	1.2																39	39	38 34
-6/ -7	3.7																	34	34	35 26
-8/ -9	3.7																	34	34	34 23
-10/-11	4.0																	36	36	36 17
-12/-13	4.3																	39	39	39 21
-14/-15	4.2																	38	38	38 32
-16/-17	3.1																	28	28	28 21
-18/-19	3.4																	31	31	31 30
-20/-21	2.5																	23	23	23 30
-22/-23	3.2																	29	29	29 53
-24/-25	1.9																	17	17	17 39

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71120 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PAGE 2 2100-2300 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-26/-27	1.9																	17	17	17	40
-28/-29	2.5																	23	23	23	21
-30/-31	.9																	8	8	8	25
-32/-33	.3																	3	3	3	12
-34/-35	.4																	4	4	4	16
-36/-37	.2																	2	2	2	22
-38/-39	.1																	1	1	1	20
-40/-41																					7
-42/-43																					4
TOTAL	64.4	29.6	4.8	1.1															910		908
																		908		908	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	4787684	65082	71.7	11.638	908							
Dry Bulb	272382	414	.5	17.304	910	45.7	90.5					93
Wet Bulb	251636	-146	-.2	16.656	908	46.7	91.8					93
Dew Point	350958	-6244	-6.7	18.509	908	57.2	93.0					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	JAN

PAGE 1 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47				.0	.0													3	3		
46/ 45			.0		.1													9	9		
44/ 43			.0	.1	.0													12	12		
42/ 41		.0		.1	.0													11	11	2	
40/ 39		.0	.0	.2	.1													23	23	5	
38/ 37		.1	.2	.1	.0													28	28	17	
36/ 35		.1	.3	.2	.0													50	50	28	5
34/ 33	.0	.3	.8	.3	.0													103	103	49	7
32/ 31	.0	.5	.9	.0														110	110	101	29
30/ 29	.1	.9	.6	.1														122	122	129	37
28/ 27	.1	.8	1.1	.0														147	148	129	62
26/ 25	.3	1.2	.4															135	135	126	117
24/ 23	.3	1.2	.2	.0														124	124	174	114
22/ 21	.7	1.2	.1															142	142	189	149
20/ 19	.5	1.3	.0															131	132	141	143
18/ 17	1.1	1.5	.1	.0														199	199	212	143
16/ 15	1.2	1.6	.1															210	211	192	211
14/ 13	2.1	2.5	.1															336	336	289	326
12/ 11	1.4	2.5	.0															283	284	252	213
10/ 9	1.9	2.8	.0															336	339	329	241
8/ 7	1.4	2.4																271	271	278	230
6/ 5	1.1	2.0	.0															217	218	243	223
4/ 3	1.2	2.6																267	269	314	211
2/ 1	1.0	2.6																252	253	252	239
0/ -1	2.7	.3																214	214	265	227
-2/ -3	2.6	.5																224	226	235	213
-4/ -5	3.7	1.2																353	353	338	285
-6/ -7	3.4	.6																280	280	282	171
-8/ -9	4.1	.0																297	297	316	216
-10/-11	4.1																	292	293	294	190
-12/-13	3.8																	269	270	269	207
-14/-15	3.7																	260	260	260	253
-16/-17	3.0																	213	213	213	215
-18/-19	2.8																	198	198	198	214

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PAGE 2 ALL

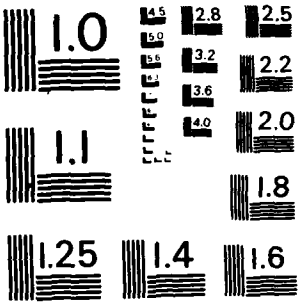
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	3.0																	217	217	217	251
-22/-23	3.9																	275	275	275	250
-24/-25	1.6																	111	111	111	252
-26/-27	1.7																	120	120	120	264
-28/-29	1.2																	89	89	89	232
-30/-31	.7																	51	51	51	187
-32/-33	.5																	35	37	35	152
-34/-35	.4																	28	31	28	131
-36/-37	.3																	22	22	22	123
-38/-39	.3																	18	18	18	83
-40/-41	.3																	24	24	24	50
-42/-43	.1																	9	9	9	44
-44/-45	.0																	3	6	3	30
-46/-47																			1		21
-48/-49																					11
-50/-51																					1
TOTAL	62.3	30.9	5.1	1.3	.3													7123	7147	7123	7123

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36550460	503360	70.6	11.979	7123							
Dry Bulb	2189539	4387	.61	7.495	7147	376.3	719.1					744
Wet Bulb	1994211	-161	.02	6.733	7123	383.5	733.5					744
Dew Point	2785464	-48460	-6.8	8.569	7123	459.9	742.7					744

USAFETAC FORM 0-26 3 JUN 71 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A128 121 COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 4/5

UNCLASSIFIED USAFETAC/DS-83/007 SBI-AD-E850 371 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 — 0000-0200 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39					.1													1	1		
38/ 37			.5	.4														7	7		
36/ 35		.1	.7	.5	.1													12	12		
34/ 33		.1	.6															6	6	7	
32/ 31		.6	2.1	.7														28	28	16	
30/ 29	.1	2.5	1.4															32	32	17	3
28/ 27		2.8	1.2															33	33	43	12
26/ 25	.2	1.4	.5															17	17	32	17
24/ 23	.6	3.1	.2															32	32	25	28
22/ 21	.1	1.7	.2															17	17	35	30
20/ 19	.5	2.0																20	20	18	35
18/ 17	.4	3.1	.1															29	29	34	32
16/ 15	.9	2.3																26	26	32	24
14/ 13	1.7	2.5																34	34	24	44
12/ 11	.9	3.1																32	32	22	32
10/ 9	1.7	2.3																33	33	37	35
8/ 7	.9	1.9																22	22	24	20
6/ 5	1.5	3.0																36	36	30	20
4/ 3	1.5	2.5																32	32	46	21
2/ 1	1.1	3.1																34	34	32	17
0/ -1	3.8	.6																36	36	41	24
-2/ -3	3.2	.7																32	32	34	36
-4/ -5	3.1	1.5																37	37	36	46
-6/ -7	3.0	.1																25	25	28	30
-8/ -9	3.6																	29	29	29	28
-10/-11	3.3																	27	27	27	20
-12/-13	3.7																	30	30	30	15
-14/-15	2.0																	16	16	16	23
-16/-17	2.3																	19	19	19	32
-18/-19	1.7																	14	14	14	33
-20/-21	1.7																	14	14	14	25
-22/-23	3.5																	28	28	28	40
-24/-25	1.1																	9	9	9	13
-26/-27	.6																	5	5	5	19

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 2 0000-0200 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	.1																	1	1	1	15
-30/-31	.2																	2	2	2	21
-32/-33																					6
-34/-35	.1																	1	1	1	5
-36/-37	.2																	2	2	2	2
-38/-39																					3
-40/-41																					1
-42/-43																					1
-44/-45																					2
TOTAL	49.5	41.0	7.7	1.6	.2														810		810
																		810		810	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4312732	58464	72.2	10.718	810							
Dry Bulb	249924	4586	5.7	16.638	810	33.9	81.3					84
Wet Bulb	220409	3885	4.8	15.793	810	34.8	83.3					84
Dew Point	243218	-1200	-1.5	17.275	810	45.6	84.0					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 — 0300-0500 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
40/ 39			.1															1	1		
38/ 37			.2	.2														4	4		
36/ 35		.1	.4	.1														5	5	2	
34/ 33		.1	.9	.2														10	10	5	1
32/ 31		.9	.7	.4														16	16	8	1
30/ 29		1.0	1.0															16	16	15	3
28/ 27	.2	2.9	1.5	.1														39	39	22	10
26/ 25	.4	1.5	.6															20	20	34	11
24/ 23	.7	2.6	.1															28	28	29	25
22/ 21	1.1	2.3																28	28	42	19
20/ 19	1.2	2.1																27	27	26	36
18/ 17	.5	3.3																31	31	35	20
16/ 15	1.0	1.8																23	23	27	48
14/ 13	1.0	1.8																23	23	15	39
12/ 11	.9	1.8																22	22	22	27
10/ 9	2.0	1.8																31	31	29	26
8/ 7	1.2	1.6																23	23	26	24
6/ 5	.9	2.2																25	26	20	18
4/ 3	2.6	1.7																35	35	45	19
2/ 1	1.5	2.1																29	29	27	22
0/ -1	3.9	.4																35	35	39	28
-2/ -3	3.9	.9																39	39	42	24
-4/ -5	6.5	.1																54	54	54	43
-6/ -7	2.6	.4																24	24	24	22
-8/ -9	3.9																	32	32	32	36
-10/-11	3.8																	31	31	31	34
-12/-13	3.9																	32	32	32	19
-14/-15	1.7																	14	14	14	19
-16/-17	2.2																	18	18	18	31
-18/-19	2.3																	19	19	19	37
-20/-21	1.5																	12	12	12	25
-22/-23	3.1																	25	25	25	35
-24/-25	1.2																	10	10	10	20
-26/-27	1.5																	12	12	12	11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 2 0300-0500 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	1.2																	10	10	10	15
-30/-31	.5																	4	4	4	21
-32/-33	.1																	1	1	1	9
-34/-35	.1																	1	1	1	13
-36/-37	.4																	3	3	3	10
-38/-39	.1																	1	1	1	2
-40/-41	.2																	2	2	2	6
-42/-43																					1
-44/-45																					3
-46/-47																					2
TOTAL	59.9	33.5	5.5	1.1														815	a16	815	815

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4466028	59674	73.2	10.900	815							
Dry Bulb	245646	2842	3.5	17.008	816	39.0	81.9					84
Wet Bulb	223171	2295	2.8	16.316	815	39.8	83.3					84
Dew Point	268435	-2651	-3.3	17.866	815	48.0	83.9					84

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39			.1	.1														2	2		
38/ 37			.3															2	2		
36/ 35		.4	.1	.3														6	6	3	
34/ 33		.4	1.0															11	11	4	2
32/ 31		.5	.8															10	10	7	1
30/ 29	.1	.8	.5	.1														12	12	18	2
28/ 27	.1	1.3	1.4	.1														23	23	11	11
26/ 25	.1	2.3	.3															21	21	14	8
24/ 23	.1	2.1	.5															22	22	30	14
22/ 21	1.1	2.6	.3															32	32	39	21
20/ 19	.8	3.6																35	35	40	27
18/ 17	.5	3.3																30	30	34	21
16/ 15	1.0	2.3	.1															27	27	27	35
14/ 13	.5	2.6																25	26	27	43
12/ 11	.6	1.5																17	17	10	30
10/ 9	1.3	1.1																19	20	23	43
8/ 7	1.5	1.0																20	20	19	13
6/ 5	1.8	2.0																30	30	26	17
4/ 3	1.5	3.1																37	38	45	23
2/ 1	1.6	2.1																30	31	30	13
0/ -1	3.6	.5																33	33	33	27
-2/ -3	4.9	.5																43	43	45	29
-4/ -5	5.5	.4																47	47	49	35
-6/ -7	1.9	.1																16	16	16	27
-8/ -9	4.8																	38	38	38	39
-10/ -11	4.3																	34	34	34	33
-12/ -13	2.8																	22	22	22	12
-14/ -15	2.8																	22	22	22	25
-16/ -17	3.0																	24	24	24	24
-18/ -19	2.0																	16	16	16	31
-20/ -21	1.5																	12	12	12	31
-22/ -23	3.4																	27	27	27	31
-24/ -25	1.3																	10	10	10	27
-26/ -27	1.1																	9	9	9	15

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 2 0600-0800 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	1.0																	8	8	8	12
-30/-31	1.1																	9	9	9	19
-32/-33	.9																	7	7	7	10
-34/-35	.4																	3	3	3	8
-36/-37	.3																	2	2	2	11
-38/-39																					8
-40/-41	.3																	2	2	2	11
-42/-43	.1																	1	1	1	2
-44/-45																					2
-46/-47																					2
-48/-49																					1
TOTAL	59.5	34.5	5.3	.6															800		796
																		796		796	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4367613	58371	73.3	0.476	796							
Dry Bulb	237832	1894	2.4	7.089	800	40.4	81.8					84
Wet Bulb	217951	1371	1.7	6.468	796	41.1	83.3					84
Dew Point	273161	-3421	-4.3	8.031	796	49.8	83.8					84

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 1 0900-1100 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
42/ 41				.1	.1													2	2		
40/ 39				.4														3	3		
38/ 37		.1	.5	.4														8	8		
36/ 35		.2	.7	.4														11	11	3	
34/ 33		.4	.7	.2														11	11	14	
32/ 31		.2	2.5															22	22	14	3
30/ 29		1.1	.6	.2														16	16	13	3
28/ 27	.1	2.6	2.2															40	40	26	14
26/ 25	.2	1.5	.6															19	19	26	15
24/ 23	.4	2.6	.7															30	30	32	21
22/ 21	.6	1.5	.5															21	21	34	29
20/ 19	1.1	2.9	.1															33	33	34	26
18/ 17	.4	2.1	.2															22	22	31	25
16/ 15	.5	3.5																32	32	32	32
14/ 13	1.0	3.1	.1															34	34	27	36
12/ 11	.6	3.4																32	32	27	36
10/ 9	1.1	2.1																26	26	32	40
8/ 7	.9	2.5																27	27	25	31
6/ 5	.6	3.0																29	29	23	19
4/ 3	1.1	3.5																37	37	48	21
2/ 1	.7	3.4																33	33	36	18
0/ -1	2.7	.4																25	25	31	33
-2/ -3	3.6	1.1																38	38	40	18
-4/ -5	4.2	.7																40	40	38	54
-6/ -7	2.4	.2																21	21	24	28
-8/ -9	4.6																	37	37	37	28
-10/-11	2.4																	19	19	19	26
-12/-13	3.4																	27	27	27	30
-14/-15	2.4																	19	19	19	15
-16/-17	2.7																	22	22	22	23
-18/-19	1.2																	10	10	10	22
-20/-21	1.5																	12	12	12	21
-22/-23	2.2																	18	18	18	46
-24/-25	1.0																	8	8	8	22

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 2 0900-1100 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-26/-27	.6																	5	5	5	13
-28/-29	.6																	5	5	5	12
-30/-31	.2																	2	2	2	11
-32/-33	.2																	2	2	2	7
-34/-35	.2																	2	2	2	10
-36/-37																					4
-38/-39	.1																	1	1	1	3
-40/-41	.1																	1	1	1	5
-42/-43																					1
-46/-47																					1
TOTAL	46.1	42.3	9.7	1.7	.1													802	802		802
																		802		802	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4091866	56668	70.7	10.300	802							
Dry Bulb	252366	4798	6.0	16.710	802	32.9	80.3					84
Wet Bulb	219933	4011	5.0	15.796	802	33.8	82.2					84
Dew Point	238196	-1298	-1.6	17.168	802	45.4	84.0					84

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 — 1200-1400 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
46/ 45						.2												2	2		
44/ 43				.6	.6													10	10		
42/ 41			.1	.9	.5													12	12		
40/ 39			.7	.9	.6													18	18		
38/ 37			.5	2.1														21	21	6	
36/ 35		.2	.7	2.6	.2													31	31	21	
34/ 33		.1	2.5	1.8														36	36	23	
32/ 31		.2	2.5	1.2														32	32	44	5
30/ 29		1.0	.9	.6														20	20	30	8
28/ 27	.1	.9	2.3	.1														28	28	43	24
26/ 25	.1	1.7	1.5	.2														29	29	25	28
24/ 23		1.2	1.2															20	20	32	48
22/ 21		2.1	.6															22	22	28	25
20/ 19	.5	2.7	.9															33	33	36	21
18/ 17	.4	2.5	.6															28	28	29	28
16/ 15	.2	2.8	.9															32	32	31	43
14/ 13		5.3	.6															48	48	30	48
12/ 11	.2	3.2	.2															30	30	46	27
10/ 9	.5	4.2																38	39	33	40
8/ 7	.2	3.7																32	32	33	28
6/ 5	.2	3.2																28	28	36	16
4/ 3		2.5																20	20	32	16
2/ 1	.2	3.2																28	28	33	44
0/ -1	1.7	.5																18	18	19	32
-2/ -3	1.5	1.7																26	26	29	32
-4/ -5	2.3	2.6																40	40	32	39
-6/ -7	2.1	1.7																31	31	31	20
-8/ -9	2.7	.1																23	23	32	27
-10/-11	2.5																	20	20	20	25
-12/-13	1.8																	15	15	15	15
-14/-15	1.6																	13	14	13	28
-16/-17	2.0																	16	16	16	22
-18/-19	1.1																	9	9	9	24
-20/-21	.4																	3	3	3	27

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 2 — 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-22/-23	.2																	2	2	2	38
-24/-25																					16
-26/-27																					9
-28/-29																					7
-30/-31																					3
-32/-33																					1
TOTAL	22.7	47.3	16.7	11.1	2.0	.2												814	816	814	814

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3337926	51448	63.2	10.298	814							
Dry Bulb	361472	10606	13.0	16.564	816	22.3	70.6					84
Wet Bulb	281219	8959	11.0	14.987	814	22.8	78.6					84
Dew Point	215083	2113	2.6	16.056	814	37.7	84.0					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
FEB — MONTH
PAGE
1500-1700 — HOURS (LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	D.	TOTAL Wet Bulb	Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																						
48/ 47						.2												2				
46/ 45					.8	.5												11				
44/ 43				.5	1.2													14				
42/ 41				1.7	.7													20				
40/ 39			.7	2.3	.8													32	[illegible]			
38/ 37		.2	.5	2.3	.5													29	29	14		
36/ 35		.4	1.0	1.7	.5													29	29	37		
34/ 33			.6	3.3	.2													34	34	41		
32/ 31		.4	2.3	1.4														34	34	36	4	
30/ 29		.5	.8	.8														18	18	29	13	
28/ 27	.1	.8	1.8	1.2														33	33	45	37	
26/ 25		1.0	1.4	.2														22	22	21	33	
24/ 23		1.7	1.3															25	25	36	32	
22/ 21	.1	2.3	.4															23	23	43	28	
20/ 19	.2	1.7	1.1															25	25	23	38	
18/ 17	.1	2.9	1.8															40	40	29	32	
16/ 15		1.3	.7															17	17	30	40	
14/ 13	.1	7.6	1.4															76	76	30	46	
12/ 11	.1	2.5	1.0															30	30	50	31	
10/ 9	.4	2.7	.2															27	27	36	36	
8/ 7	.1	3.4																29	29	35	23	
6/ 5	.1	1.8																16	16	26	16	
4/ 3	.1	3.7																32	32	25	29	
2/ 1		1.9																16	16	28	42	
0/ -1	2.2	.8																25	25	28	38	
-2/ -3	.7	1.9																22	22	27	25	
-4/ -5	1.7	4.1																48	48	29	37	
-6/ -7	1.2	1.4																22	22	31	31	
-8/ -9	3.1																	26	26	36	17	
-10/-11	1.9																	16	16	16	22	
-12/-13	2.2																	18	18	18	14	
-14/-15	1.4																	12	12	12	31	
-16/-17	.8																	7	7	7	27	
-18/-19																					33	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 7 — 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-20/-21																					17
-22/-23																					34
-24/-25																					9
-26/-27																					10
-28/-29																					4
-30/-31																					1
TOTAL	15.9	45.1	17.1	15.4	4.8	.7													831		830
																		830		830	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3100279	49945	60.2	10.697	830							
Dry Bulb	429944	12924	15.6	16.608	831	19.8	66.6					84
Wet Bulb	321269	10797	13.0	14.769	830	20.6	74.7					84
Dew Point	219031	3159	3.8	15.802	830	35.4	84.0					84

USAFETAC FORM JUN 71 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-87 — YEARS
FEB — MONTH

PAGE 1 — 1800-2000 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
44/ 43					.1													1	1		
42/ 41				.4														3	3		
40/ 39			.1	1.3	.3													13	13		
38/ 37		.1	1.1	1.5														22	22		
36/ 35		.4	1.8	1.3														27	27	9	
34/ 33		.3	2.6	.5														27	27	32	
32/ 31		.8	2.5	.4	.1													30	30	29	4
30/ 29		.9	2.4	.5														30	30	30	7
28/ 27		1.0	3.5	.3														38	38	36	21
26/ 25	.1	1.4	.9	.1														20	20	38	32
24/ 23		1.9	1.4															26	26	29	26
22/ 21	.3	1.5	.6															19	19	33	40
20/ 19	.6	2.9	.9															35	35	33	27
18/ 17	.8	2.1	.4															26	26	30	42
16/ 15	.3	3.0																26	26	28	29
14/ 13		5.0	.5															44	44	28	27
12/ 11		4.0	.4															35	35	32	31
10/ 9	.4	3.5																31	31	36	41
8/ 7	.5	3.5																32	32	36	21
6/ 5	.5	4.1																37	37	30	26
4/ 3	.5	2.4																23	23	46	26
2/ 1	.1	4.3																35	35	37	27
0/ -1	1.9	.4																18	18	24	36
-2/ -3	1.8	1.6																27	27	26	26
-4/ -5	1.8	2.4																33	33	26	47
-6/ -7	1.9	.8																21	21	25	30
-8/ -9	3.8																	30	30	34	24
-10/-11	3.4																	27	27	27	14
-12/-13	2.6																	21	21	21	22
-14/-15	1.6																	13	13	13	25
-16/-17	1.5																	12	12	12	25
-18/-19	1.3																	10	10	10	27
-20/-21	.3																	2	2	2	30
-22/-23	.4																	3	3	3	24

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
71200	COLD LAKE APT CN	73-82	FEB

PAGE 2 HOURS L.S.T. 1600-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-24/-25																					14
-26/-27																					19
-28/-29																					4
-30/-31																					3
TOTAL	26.1	48.2	19.1	6.1	.5														797		797
																		797		797	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3540675	52491	65.9	10.247	797							
Dry Bulb	312961	9357	11.7	5.974	797	22.9	74.2					84
Wet Bulb	252236	8008	10.0	4.690	797	23.5	79.7					84
Dew Point	206714	1838	2.3	5.949	797	39.0	84.0					84

USAFETAC FORM JUN 71 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 — 2100-2300 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
42/ 41					.1													1	1		
40/ 39			.1	.1														2	2		
38/ 37			.2	.1														3	3		
36/ 35		.2	.6	.7	.1													14	14	2	
34/ 33		.4	2.3	.6														27	27	8	
32/ 31		1.0	3.0															33	33	19	2
30/ 29	.1	1.3	2.2															30	30	36	4
28/ 27	.4	2.8	1.2															36	36	39	17
26/ 25		2.8	1.0															31	31	34	22
24/ 23	.4	3.0	.6															33	33	39	28
22/ 21	.4	1.7	.2															19	19	34	42
20/ 19	.7	2.2	.1															25	25	29	32
18/ 17	.2	2.8	.2															27	27	29	33
16/ 15	.8	2.8																30	30	38	38
14/ 13		4.9																40	40	20	36
12/ 11	.4	2.7																25	25	36	26
10/ 9	.6	3.5																34	34	20	35
8/ 7	1.0	3.2																34	34	36	27
6/ 5	.2	3.9																34	34	33	17
4/ 3	.6	4.2																40	40	54	31
2/ 1	.6	3.2																31	31	32	20
0/ -1	3.5	.4																32	32	42	26
-2/ -3	2.7	1.1																31	31	31	34
-4/ -5	3.8	1.5																43	43	36	55
-6/ -7	1.9	.6																21	21	27	33
-8/ -9	3.4																	28	28	30	35
-10/-11	2.4																	20	20	20	18
-12/-13	2.9																	24	24	24	19
-14/-15	1.9																	16	16	16	30
-16/-17	2.2																	18	18	18	21
-18/-19	2.3																	19	19	19	29
-20/-21	1.1																	9	9	9	21
-22/-23	1.5																	12	12	12	37
-24/-25	.1																	1	1	1	11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 2 2100-2300 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	.1																	1	1	1	15
-28/-29																					19
-30/-31																					8
-32/-33																					2
-36/-37																					1
TOTAL	36.3	50.0	11.9	1.6	.2														824		824
																		824		824	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4153679	57891	70.3	10.251	824							
Dry Bulb	268169	7193	8.7	5.797	824	28.0	79.2					84
Wet Bulb	228593	6235	7.6	4.847	824	29.2	83.0					84
Dew Point	218053	717	.9	6.254	824	42.2	84.0					84

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 1 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47						.0												2	2		
46/ 45					.1	.1												13	13		
44/ 43				.1	.2													25	26		
42/ 41			.0	.4	.2													38	38		
40/ 39			.2	.6	.2													72	72		
38/ 37		.1	.5	.9	.1													96	96	22	
36/ 35		.3	.8	.9	.1													135	135	77	
34/ 33		.2	1.4	.8	.0													162	162	134	3
32/ 31		.6	2.0	.5	.0													205	205	175	20
30/ 29	.0	1.1	1.2	.3														174	174	188	43
28/ 27	.1	1.9	1.9	.2														270	270	265	146
26/ 25	.2	1.7	.8	.1														179	179	226	166
24/ 23	.3	2.3	.8															216	216	252	222
22/ 21	.5	2.0	.4															181	181	288	234
20/ 19	.7	2.5	.4															233	233	239	242
18/ 17	.4	2.8	.4															233	233	251	233
16/ 15	.6	2.5	.2															213	213	245	289
14/ 13	.5	4.1	.3															324	325	201	319
12/ 11	.5	2.8	.2															223	223	255	240
10/ 9	1.0	2.7	.0															239	241	248	296
8/ 7	.8	2.6																219	219	234	187
6/ 5	.7	2.9																235	236	224	149
4/ 3	1.0	3.0																256	257	341	186
2/ 1	.7	2.9																236	237	255	203
0/ -1	2.9	.5																222	222	257	244
-2/ -3	2.8	1.2																258	258	274	224
-4/ -5	3.6	1.7																342	342	300	356
-6/ -7	2.1	.7																181	181	206	221
-8/ -9	3.7	.0																243	243	268	234
-10/ -11	3.0																	194	194	194	192
-12/ -13	2.9																	189	189	189	146
-14/ -15	1.9																	125	126	125	196
-16/ -17	2.1																	136	136	136	205
-18/ -19	1.5																	97	97	97	236

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) FEB (MONTH)

PAGE 2 ALL (HOURS G.M.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	1.0																	64	64	64	197
-22/-23	1.8																	115	115	115	285
-24/-25	.6																	38	38	38	132
-26/-27	.5																	32	32	32	111
-28/-29	.4																	24	24	24	88
-30/-31	.3																	17	17	17	87
-32/-33	.2																	10	10	10	35
-34/-35	.1																	7	7	7	36
-36/-37	.1																	7	7	7	28
-38/-39	.0																	2	2	2	16
-40/-41	.1																	5	5	5	23
-42/-43	.0																	1	1	1	5
-44/-45																					7
-46/-47																					5
-48/-49																					1
TOTAL	39.5	42.8	11.6	4.9	1.0	.1													6496		6488
																		6488		6488	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	31370798	444972	68.6	1.466	6488							
Dry Bulb	2358314	54200	8.3	7.131	6496	239.0	615.7					672
Wet Bulb	1964781	45561	7.0	5.924	6488	245.3	647.9					672
Dew Point	1881891	-743	-.1	7.032	6488	342.8	671.7					672

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 1 0000-0200 (HOURS L.S.T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
42/ 41			.3	.1														4	4		
40/ 39			.2	.1	.3													6	6		
38/ 37		.1	.2	.6														8	8	3	
36/ 35		.3	1.8	.1														20	20	5	
34/ 33		1.7	1.4	.6														33	33	23	
32/ 31		2.2	5.2															67	67	32	11
30/ 29	.7	3.9	1.0	.1														51	51	51	24
28/ 27	.9	4.0	.3	.3														50	50	85	35
26/ 25	.8	5.8	.9															67	67	45	44
24/ 23	.9	4.5	.7															55	55	61	57
22/ 21	1.1	4.2	.4															52	52	75	77
20/ 19	1.8	4.5	.7															63	63	59	54
18/ 17	1.0	3.1	.2															39	39	64	51
16/ 15	1.7	2.3																36	36	36	47
14/ 13	1.1	5.5																60	60	40	80
12/ 11	.4	3.3	.2															36	36	42	38
10/ 9	1.4	2.0																31	31	41	48
8/ 7	1.8	2.0																34	34	37	35
6/ 5	.4	1.5																18	18	18	44
4/ 3	.3	2.1																22	22	28	34
2/ 1	.3	1.9																20	20	21	14
0/ -1	2.7	.3																27	27	30	16
-2/ -3	1.7	.4																19	19	22	18
-4/ -5	1.9	.8																24	24	22	30
-6/ -7	1.7	.7																21	21	22	24
-8/ -9	1.8																	16	16	17	20
-10/ -11	.2																	2	2	2	16
-12/ -13	.7																	6	6	6	17
-14/ -15	.7																	6	6	6	17
-16/ -17	.3																	3	3	3	10
-18/ -19	.6																	5	5	5	9
-20/ -21	.2																	2	2	2	11
-22/ -23	.1																	1	1	1	9
-24/ -25																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 2 0000-0200 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-26/-27																					3
-28/-29																					7
-30/-31																					1
TOTAL	27.0	57.2	13.6	1.9	.3														904		904
																		904		904	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5185838	67686	74.9	11.428	904							
Dry Bulb	409764	15246	16.9	13.001	904	13.6	85.7					93
Wet Bulb	353490	14032	15.5	12.258	904	14.2	89.8					93
Dew Point	265033	9121	10.1	13.842	904	21.7	93.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 1 0300-0500 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39			.2		.2													4	4		
38/ 37		.1	.1	.4														6	6		
36/ 35		.3	.7															9	9	3	
34/ 33		1.3	.7	.2														20	20	12	
32/ 31	.3	1.5	2.7	.3														45	45	29	11
30/ 29	.5	2.4	.9															35	35	21	17
28/ 27	.8	5.5	.9	.3														68	68	59	20
26/ 25	1.3	2.9																39	39	66	28
24/ 23	.5	4.1	.4															47	47	41	50
22/ 21	2.5	3.9	.3															62	62	78	50
20/ 19	2.7	2.9	.5															57	57	63	69
18/ 17	.4	5.6																55	55	57	59
16/ 15	2.6	3.1	.1															53	53	60	45
14/ 13	3.2	4.7	.1															73	73	61	92
12/ 11	1.5	3.1																42	42	44	58
10/ 9	1.7	1.9	.1															34	34	39	56
8/ 7	1.6	1.7																31	31	32	35
6/ 5	1.5	1.3																26	26	33	32
4/ 3	1.0	1.1																19	19	23	26
2/ 1	1.0	1.7																25	25	24	30
0/ -1	2.3	.2																23	23	26	25
-2/ -3	2.1	.3																22	22	24	16
-4/ -5	2.0	1.1																28	28	24	23
-6/ -7	1.4	.1																14	14	18	15
-8/ -9	2.2																	20	20	20	19
-10/-11	1.2																	11	11	11	21
-12/-13	1.6																	15	15	15	12
-14/-15	.7																	6	6	6	22
-16/-17	.5																	5	5	5	21
-18/-19	1.0																	9	9	9	13
-20/-21	.7																	6	6	6	10
-22/-23	.7																	6	6	6	13
-24/-25	.1																	1	1	1	2
-26/-27																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 2 0300-0500 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29																					5
-30/-31																					8
-32/-33																					3
TOTAL	39.7	61.0	7.8	1.3	.2														916		916
																		916		916	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5607684	70906	77.4	11.403	916							
Dry Bulb	348517	12913	14.1	13.489	916	16.9	89.0					93
Wet Bulb	309073	12017	13.1	12.864	916	17.4	91.5					93
Dew Point	253039	7493	8.2	14.476	916	24.2	93.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
41/ 39				.1														1	1		
38/ 37		.1	.3	.7														10	10		
36/ 35		.4																4	4	2	
34/ 33		1.6	1.1															24	24	13	1
32/ 31		1.9	1.7	.4														36	36	28	7
30/ 29	.4	1.9	.7	.2														29	29	23	15
28/ 27	.8	3.2	.8															43	43	40	22
26/ 25	1.6	3.9	.2															51	51	50	31
24/ 23	.8	2.8	.2															34	34	53	39
22/ 21	1.6	3.5	.3															48	48	54	43
20/ 19	1.8	3.5	.2															49	49	48	39
18/ 17	2.6	5.6	.1															74	74	75	50
16/ 15	2.0	3.7																51	51	58	72
14/ 13	2.9	4.8																69	69	63	67
12/ 11	2.7	2.2																44	44	44	67
10/ 9	2.0	1.7																33	33	37	69
8/ 7	.7	2.1																25	25	20	37
6/ 5	1.7	2.6																38	38	37	25
4/ 3	1.6	1.7																29	29	37	13
2/ 1	1.6	1.9																31	31	37	34
0/ -1	2.1																	19	19	23	30
-2/ -3	1.7	.7																21	21	19	23
-4/ -5	2.0	1.5																31	31	27	32
-6/ -7	1.0	.2																11	11	16	19
-8/ -9	1.8																	16	16	17	15
-10/-11	1.2																	11	11	11	17
-12/-13	1.5																	13	13	13	11
-14/-15	.9																	8	8	8	16
-16/-17	1.1																	10	10	10	15
-18/-19	1.0																	9	9	9	15
-20/-21	1.0																	9	9	9	14
-22/-23	.9																	8	8	8	17
-24/-25	.3																	3	3	3	5
-26/-27	.1																	1	1	1	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 2 0600-0800 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-29																						5
-30/-31																						8
-32/-33																						3
-34/-35																						5
TOTAL	41.3	51.5	5.7	1.5														893		893		893
																			893		893	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5500147	69361	77.7	11.243	893							
Dry Bulb	316249	11411	12.8	13.823	893	17.7	88.9					93
Wet Bulb	282920	10618	11.9	13.253	893	18.1	91.4					93
Dew Point	242224	6254	7.0	14.915	893	27.3	92.9					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1 — 0700-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49					.1													1	1		
48/ 47				.1	.1													2	2		
46/ 45				.1	.2													3	3		
44/ 43			.1	.4	.8													12	12	1	
42/ 41			.2	1.0	.2	.1												14	14	1	
40/ 39			.4	1.4	.8													24	24	4	
38/ 37	.1	.2	1.0	1.3	.2													26	26	9	
36/ 35		.3	1.7	1.0	.3													30	30	27	3
34/ 33		.7	2.6	.6														34	34	39	7
32/ 31	.1	2.1	4.6	1.0														70	70	46	10
30/ 29	.2	2.2	2.1	.1														42	42	48	20
28/ 27	.9	2.9	2.7	.1														59	59	74	54
26/ 25	.2	3.3	1.4															45	45	51	42
24/ 23	.2	4.0	1.9															55	55	55	44
22/ 21		2.8	.7															31	31	54	49
20/ 19	.7	3.1	.9															42	42	49	56
18/ 17	.4	4.9	.4															52	52	54	69
16/ 15	1.0	3.4	.3															43	43	57	45
14/ 13	.8	4.8	.8															57	57	40	67
12/ 11	.3	3.4	.2															36	36	42	47
10/ 9	1.2	3.0	.2															40	40	41	65
8/ 7	.3	3.0	.1															31	31	32	36
6/ 5	.6	1.9																22	22	32	36
4/ 3		1.9																17	17	23	26
2/ 1		1.6																14	14	18	32
0/ -1	1.2	.3																14	14	16	17
-2/ -3	1.1	.9																18	18	20	18
-4/ -5	.7	1.2																17	17	15	19
-6/ -7	.9	.7																14	14	14	16
-8/ -9	1.0																	9	9	12	17
-10/ -11	1.2																	11	11	11	16
-12/ -13	.6																	5	5	5	19
-14/ -15	.7																	6	6	6	15
-16/ -17	.3																	3	3	3	8

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

USAFETAC FORM 0-26-3 OLA JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71120	COLD LAKE APT CN	73-82	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-19/-19																					16
-20/-21																					11
-22/-23																					9
-24/-25																					8
-26/-27																					2
TOTAL	14.8	52.7	22.4	7.2	2.8	.1													899		899
																		899		899	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4398518	61862	68.8	12.560	899							
Dry Bulb	503884	17472	19.4	13.527	899	10.0	77.9					93
Wet Bulb	406470	15582	17.3	12.324	899	10.6	84.6					93
Dew Point	267127	9435	10.5	13.682	899	19.8	92.0					93

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200	COLD LAKE APT CN	73-82	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53							.1											1	1		
52/ 51							.1											1	1		
50/ 49					.5	.7	.4											17	17		
48/ 47					1.1	1.0	.2											21	21		
46/ 45				.7	1.1	.3	.1											20	20		
44/ 43				1.0	1.1	1.6												33	33	3	
42/ 41			.6	2.3	2.4	.1												49	49	10	
40/ 39	.1	.2	.8	1.4	2.6	.1												47	47	24	1
38/ 37		.3	.7	1.8	.7													31	31	38	
36/ 35		.4	1.7	2.4	.1	.1												43	43	45	2
34/ 33		.4	2.6	3.1	.1	.1												57	57	76	5
32/ 31	.1	1.2	4.6	1.2	.2													66	66	67	30
30/ 29	.3	1.6	2.9	.6														48	48	53	37
28/ 27		1.2	2.4	.4														37	37	81	46
26/ 25	.2	1.4	2.9	.3														44	44	46	52
24/ 23		1.4	3.3	.1														44	44	39	64
22/ 21	.4	2.4	3.7	.1														60	60	49	71
20/ 19	.3	2.0	1.9	.3														41	41	70	61
18/ 17	.1	2.0	1.2															30	30	53	46
16/ 15	.1	.6	1.6															20	20	30	46
14/ 13		2.6	2.3															46	46	22	64
12/ 11		2.3	1.0															30	30	32	38
10/ 9	.3	2.6	.4															30	30	43	41
8/ 7		1.6	.3															17	17	30	37
6/ 5		1.7																15	16	15	37
4/ 3		1.2																11	11	21	22
2/ 1		1.6																14	14	12	25
0/ -1	.2	.6																7	7	16	18
-2/ -3	.1	.8																8	8	9	16
-4/ -5		.8																7	7	6	33
-6/ -7		.2																2	2	2	19
-8/ -9	.2																	2	2	3	13
-10/ -11																					13
-12/ -13																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	MAR

PAGE 2 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-14/-15																					13
-16/-17																					11
-18/-19																					5
-20/-21																					2
-22/-23																					2
TOTAL	2.7	31.4	34.8	15.9	10.2	4.0	1.0												900		899
																		899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3275685	52965	58.9	13.148	899							
Dry Bulb	777842	23776	26.4	2.906	900	2.7	59.9					93
Wet Bulb	571443	20345	22.6	1.119	899	3.7	72.5					93
Dew Point	300984	12054	13.4	2.458	899	15.9	92.2					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	MAR

PAGE 1 1500-1700 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51						.1	.7	.2										9	9		
50/ 49					.9	1.5	.6											27	27		
48/ 47					1.0	1.8	.3											28	28		
46/ 45				.6	1.8	.8	.1											29	29		
44/ 43				.6	2.8	1.5												44	44		
42/ 41			.3	1.9	3.4	.1												52	52	13	
40/ 39			.8	2.4	2.8	.1												55	55	38	
38/ 37		.4	1.2	1.8	1.0													40	40	42	
36/ 35		.1	.7	1.8	1.0	.3												35	35	67	
34/ 33	.2	.7	1.9	3.3	.3													58	58	90	4
32/ 31		.8	4.3	2.7	.3													73	73	58	33
30/ 29	.1	.2	2.2	1.1	.2													35	35	49	34
28/ 27		.6	3.2	.7														40	40	87	55
26/ 25		1.2	2.8	.8														43	44	39	56
24/ 23		2.8	4.2	.7														69	69	59	62
22/ 21	.3	1.3	2.7	.1														40	40	59	57
20/ 19		.4	1.8	.4														24	24	56	79
18/ 17		1.4	2.5															36	36	40	72
16/ 15		1.3	1.3															24	24	30	54
14/ 13		2.2	2.7															44	44	28	59
12/ 11		1.7	1.4															28	28	40	49
10/ 9	.1	1.0	.4															14	14	29	47
8/ 7		.7	.3															9	9	21	28
6/ 5	.1	2.1																20	20	10	34
4/ 3		1.3																12	12	22	26
2/ 1		.8																7	7	15	19
0/ -1	.1	.3																4	4	5	18
-2/ -3		.7																6	6	8	21
-4/ -5																					27
-6/ -7																					12
-8/ -9																					15
-10/-11																					12
-12/-13																					13
-14/-15																					9

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 2 — 1500-1700 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-15/-17																					4
-18/-19																					3
-20/-21																					3
TOTAL	1.0	22.0	34.7	18.7	15.5	6.3	1.7	.2											906		905
																		905		905	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2936064	50092	55.41	13.447	905							
Dry Bulb	891727	26097	28.81	2.438	906	1.0	54.3					93
Wet Bulb	632164	21968	24.31	0.460	905	1.3	67.3					93
Dew Point	304361	12745	14.11	1.753	905	14.1	92.6					93

USAFETAC FORM JUN 71 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1 — 1800-2000 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49					.1	.3	.1											5	5		
48/ 47				.1	.4	.2												7	7		
46/ 45				.8	1.2	.2												20	20		
44/ 43				.7	1.8	.2												24	24		
42/ 41				1.7	1.1	.2												27	27	2	
40/ 39			.6	1.8	1.8	.3												40	40	14	
38/ 37		.2	2.5	2.9	.1													50	50	24	
36/ 35		.7	2.6	2.5	.1													52	52	48	
34/ 33	.3	1.1	2.1	1.1	.7													48	48	77	6
32/ 31	.3	1.2	6.1	2.0	.3													89	89	80	26
30/ 29	.3	1.6	2.9	.8														50	50	47	43
28/ 27	.2	1.2	3.8	1.1														57	57	80	58
26/ 25	.3	2.2	2.0	.1														42	42	59	55
24/ 23		2.7	1.6	.1														39	39	58	60
22/ 21	.6	2.5	2.1	.1														47	47	58	77
20/ 19	.1	2.1	1.7															35	35	43	50
18/ 17		2.0	1.7															33	33	48	62
16/ 15	.1	3.1	1.8															45	45	34	43
14/ 13		3.6	1.7															47	47	35	62
12/ 11	.3	1.8	1.2															30	30	51	40
10/ 9	.3	1.3	.2															17	17	26	59
8/ 7		1.6	.2															16	16	20	41
6/ 5		1.8																16	16	15	21
4/ 3		2.1																19	19	23	20
2/ 1		1.5																13	13	20	28
0/ -1	.4	.7																10	10	15	15
-2/ -3		1.0																9	9	9	15
-4/ -5		.4																4	4	4	30
-6/ -7		.1																1	1	2	13
-8/ -9																					14
-10/ -11																					13
-12/ -13																					16
-14/ -15																					6
-16/ -17																					6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 2 1800-2000 (HOURS LOCAL)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-18/-19																					6
-20/-21																					6
-22/-23																					1
TOTAL	3.5	36.7	34.8	15.7	7.7	1.6	.1												892		892
																		892		892	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3584733	55265	62.0	13.431	892							
Dry Bulb	709386	22768	25.5	11.997	892	2.5	64.5					93
Wet Bulb	539190	19802	22.2	10.573	892	3.1	75.8					93
Dew Point	304158	12272	13.8	12.324	892	14.7	92.4					93

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 1 2100-2300 (HOURS)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
46/ 45					.1													1	1		
44/ 43			.1	.8	.1													9	9		
42/ 41			.2	.6	.1													8	8		
40/ 39			.7	.9	.3													17	17	1	
38/ 37			1.6	1.4	.1													28	28	10	
36/ 35		.4	2.4	1.6														40	40	18	
34/ 33	.2	.9	3.1	.8	.1													46	46	43	3
32/ 31	.1	2.9	5.4	.7	.1													83	83	62	16
30/ 29	.6	3.8	2.0	.6														62	62	68	35
28/ 27	1.0	4.2	2.9	.1														74	74	82	52
26/ 25	.4	4.7	1.9	.2														65	65	63	57
24/ 23	.2	3.7	1.2															46	46	74	68
22/ 21	2.0	1.9	.7															41	41	69	64
20/ 19	.6	2.8	1.1															40	40	36	67
18/ 17	.2	2.7	.8															33	33	52	52
16/ 15	.6	3.1	.2															35	35	35	43
14/ 13	.3	5.3	.7															57	57	30	66
12/ 11	.5	3.2	.3															37	37	49	40
10/ 9	.8	1.7	.6															27	27	40	43
8/ 7	.2	1.9																19	19	19	36
6/ 5	.3	2.0	.1															22	23	23	44
4/ 3	.2	2.3																23	23	27	20
2/ 1	.3	2.2																23	23	25	14
0/ -1	1.4	.6																18	18	25	22
-2/ -3	.6	1.1																15	15	17	23
-4/ -5	.2	.3																5	5	4	26
-6/ -7		1.3																12	12	9	16
-8/ -9	.9																	8	8	13	21
-10/-11	.2																	2	2	2	20
-12/-13	.2																	2	2	2	9
-14/-15	.3																	3	3	3	7
-16/-17																					8
-18/-19																					11
-20/-21																					9

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	MAR

PAGE 2 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-22/-23																					4
-24/-25																					3
-26/-27																					2
TOTAL	12.5	52.9	26.0	7.5	1.0														902		901
																		901		901	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4491624	62608	69.5	12.524	901							
Dry Bulb	535173	18971	21.0	12.294	902	6.7	77.6					93
Wet Bulb	439520	17072	18.9	11.355	901	7.7	85.6					93
Dew Point	290502	11092	12.3	13.079	901	18.7	92.7					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
MAR — MONTH

PAGE 1
ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53							.0											1	1		
52/ 51						.0	.1	.0										10	10		
50/ 49					.2	.3	.1											50	50		
48/ 47				.0	.3	.4	.1											58	58		
46/ 45				.3	.6	.2	.0											73	73		
44/ 43			.0	.4	.8	.4												122	122	4	
42/ 41			.2	.9	.9	.1												154	154	26	
40/ 39	.0	.0	.5	1.0	1.1	.1												194	194	81	1
38/ 37	.0	.2	.9	1.3	.3													199	199	126	
36/ 35		.4	1.4	1.2	.2	.1												233	233	215	5
34/ 33	.1	1.0	1.9	1.2	.2	.0												320	320	375	26
32/ 31	.1	1.7	4.3	1.0	.1													529	529	402	144
30/ 29	.4	2.2	1.8	.4	.0													352	352	360	225
28/ 27	.6	2.9	2.1	.4														428	428	588	342
26/ 25	.6	3.2	1.5	.2														396	397	421	365
24/ 23	.3	3.3	1.7	.1														389	389	440	444
22/ 21	1.1	2.8	1.4	.0														381	381	496	488
20/ 19	1.0	2.7	1.1	.1														351	351	424	495
18/ 17	.6	3.4	.9															352	352	443	461
16/ 15	1.0	2.6	.7															307	307	340	395
14/ 13	1.0	4.2	1.0															453	453	319	557
12/ 11	.7	2.6	.6															283	283	344	377
10/ 9	1.0	1.9	.2															226	226	296	428
8/ 7	.6	1.8	.1															182	182	211	285
6/ 5	.6	1.9	.0															177	179	183	273
4/ 3	.4	1.7																152	152	204	187
2/ 1	.4	1.6																147	147	172	196
0/ -1	1.3	.4																122	122	156	161
-2/ -3	.9	.7																118	118	128	150
-4/ -5	.8	.8																116	116	102	220
-6/ -7	.6	.4																75	75	83	134
-8/ -9	1.0																	71	71	82	134
-10/ -11	.5																	37	37	37	128
-12/ -13	.6																	41	41	41	105

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PAGE 2 ALL (HOURS G.M.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-14/-15	.4																	29	29	29	105
-16/-17	.3																	21	21	21	83
-18/-19	.3																	23	23	23	79
-20/-21	.2																	17	17	17	66
-22/-23	.2																	15	15	15	55
-24/-25	.1																	4	4	4	21
-26/-27	.0																	1	1	1	29
-28/-29																					17
-30/-31																					17
-32/-33																					6
-34/-35																					5
TOTAL	17.9	44.4	22.4	8.7	4.7	1.5	.3	.0											7212		7209
																		7209		7209	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	34980293	490745	68.1	4.774	7209							
Dry Bulb	4492542	148654	20.6	4.075	7212	71.2	598.1					744
Wet Bulb	3534270	131436	18.2	2.564	7209	76.3	658.7					744
Dew Point	2227428	80466	11.2	3.580	7209	156.4	740.7					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) APR (MONTH)

PAGE 1 0000-0200 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
64/ 63								.1	.1									2	2		
62/ 61								.1	.5									5	5		
60/ 59								.1	.1									2	2		
58/ 57					.1	.1	.4											5	5		
56/ 55					.2	.2	.1	.2										7	7		
54/ 53			.1			.5	.1											6	6		
52/ 51		.1		.4	.5	.5	.1											13	13		
50/ 49		.1	.5	.5	1.9	.9	1.1											42	42	6	2
48/ 47		.1	.7	.5	.9	1.1	.1											29	29	9	1
46/ 45	.1	.5	.8	1.5	.2	.4												30	30	17	1
44/ 43	.1	.1	.4	.6	1.1													19	19	35	5
42/ 41		.5	.4	1.8	.2													24	24	31	14
40/ 39	.5	1.6	.8	2.1	.5													48	48	35	8
38/ 37	.1	1.2	4.0	1.2	.9													63	63	45	15
36/ 35	.7	2.7	3.7	2.7	.1													85	85	63	33
34/ 33	.4	4.0	6.1	1.2	.1													100	100	103	38
32/ 31	1.5	4.8	7.6	1.4														131	132	108	94
30/ 29	.7	4.8	1.8	.5														66	66	115	60
28/ 27	.7	2.8	1.5	.1														44	44	97	122
26/ 25	.5	1.5	.6															22	22	48	96
24/ 23	.1	1.3	.8	.1														20	20	27	77
22/ 21	.5	2.0	.2															23	23	29	52
20/ 19	.2	.6																7	7	20	59
18/ 17		.1	.1															2	2	6	44
16/ 15		.1	.1															2	2	1	33
14/ 13	.4	.7																9	9	7	28
12/ 11		.8																7	7	4	10
10/ 9	.1		.4															4	4	8	3
8/ 7	.2	.2																4	4	2	4
6/ 5	.2	.6																7	7	7	5
4/ 3	.1	.5																5	5	8	5
2/ 1		.2																2	2	3	6
0/ -1	.6																	5	5	6	2
-2/ -3	.4																	3	3	3	2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 2 — 0000-0200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5	.5	.1																5	5	4	8
-6/ -7	.2	.1																3	3	3	4
-8/ -9	.4																	3	3	4	9
-10/-11																					7
-12/-13																					2
-14/-15																					1
-16/-17																					1
-20/-21																					3
TOTAL	9.1	32.3	30.6	14.4	6.8	3.6	1.9	.6	.7									854	855	854	854

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4303407	59075	69.2	15.947	854							
Dry Bulb	1081560	28808	33.7	11.396	855	2.0	39.5					90
Wet Bulb	855497	25737	30.1	9.676	854	2.1	53.7					90
Dew Point	578761	20415	23.9	10.314	854	4.1	77.7					90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 APR

STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
60/ 59								.1										1	1		
58/ 57								.5										4	4		
56/ 55						.1	.1	.1										3	3		
54/ 53					.1	.3												4	4		
52/ 51					.2		.5											6	6		
50/ 49		.2	.3	.1	.6	.2	.2											15	15		
48/ 47		.1	.7	.3	.7	.3												19	19	3	2
46/ 45	.3	.1	.7	.9	.9	.6												31	31	15	4
44/ 43		.8	.9	1.0	.6													29	29	16	1
42/ 41		.8	1.7	1.0														31	31	23	9
40/ 39	.5	1.5	.6	1.5	.1													36	36	40	11
38/ 37	.2	.9	1.6	1.2														34	34	49	13
36/ 35	.5	1.6	2.9	.7														49	49	42	27
34/ 33		4.3	4.4	1.0														94	84	67	26
32/ 31	1.4	7.2	6.8	.5														154	154	91	53
30/ 29	1.3	6.3	3.2	.1														94	94	116	52
28/ 27	1.7	6.3	2.5															91	91	132	112
26/ 25	.5	3.6	.5															39	39	78	116
24/ 23	.5	2.2	.6															29	29	53	81
22/ 21	.2	1.7	.3															20	20	32	78
20/ 19	.3	1.5	.2															18	18	26	72
18/ 17	.2	.2																4	4	6	31
16/ 15		.2																2	2	4	33
14/ 13		1.2																10	10	9	30
12/ 11	.7	.1																7	7	12	11
10/ 9	.1	.2																3	3	2	14
8/ 7	.2	.6																7	7	4	3
6/ 5	.1	.3																4	4	6	4
4/ 3		.5																4	4	4	3
2/ 1	.1	.6																6	6	7	3
0/ -1	.7																	6	6	8	3
-2/ -3	.1																	1	1	1	4
-4/ -5	.7																	6	6	6	6
-6/ -7	.6	.1																6	6	5	1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 2 — 2300-0500

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-10/-9	.2																	2	2	3	9
-12/-11	.2																	2	2	2	9
-14/-13	.2																	2	2	2	4
-16/-15																					2
-20/-21																					4
-22/-23																					2
TOTAL	11.9	43.2	33.1	8.5	3.2	1.6	.3	.7										863	863	863	863

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4880535	63751	73.9	4.091	863							
Dry Bulb	931596	26696	30.9	11.078	863	2.6	53.9					90
Wet Bulb	771327	24383	28.3	9.778	863	2.8	63.4					90
Dew Point	552391	19905	23.1	10.403	863	4.6	80.3					90

USAFETAC FORM JUN 71 0-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 0600-0900

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65									.2									2	2			
64/ 63								.1	.1									2	2			
62/ 59							.1	.1										2	2			
60/ 57							.5	.2										6	6			
58/ 55						.1	.1											2	2			
56/ 53						.5	.2											6	6			
54/ 51				.1	.2	.9												11	11			
52/ 49			.1	.5	1.3	.5												20	20	3		
50/ 47		.4	.2	.8	.5	.2												19	19	4		
48/ 45	.2	.2	.4	1.9	1.3	.2												36	36	16	4	
46/ 43		.4	.9	1.3	1.3													33	33	21	4	
44/ 41	.1	1.4	1.5	1.3	.5													42	42	30	2	
42/ 39	.5	.7	2.7	1.8	.1													49	49	47	13	
40/ 37	.2	1.6	2.0	1.2	.4													46	46	49	11	
38/ 35	.4	2.3	3.5	1.4	.1													66	66	73	33	
36/ 33	.2	4.7	3.8	1.1														83	83	74	45	
34/ 31	.7	5.9	8.0	.8														131	131	95	60	
32/ 29	.8	4.1	1.8	.5														61	61	106	82	
30/ 27	1.3	4.0	1.8															60	61	99	106	
28/ 25	1.8	3.2	.2															44	44	63	95	
26/ 23	.6	1.9	.2															23	23	46	82	
24/ 21	.5	1.8	.1															20	20	24	67	
22/ 19	.4	1.4	.5															19	19	21	61	
20/ 17		.2																2	2	13	31	
18/ 15		.5																4	4	4	28	
16/ 13		.6																5	5	3	27	
14/ 11	.4	.5																7	7	6	9	
12/ 9	.2	.5																6	6	6	12	
10/ 7	.1	.4																4	4	5	2	
8/ 5	.4	.4																6	6	6		
6/ 3	.5	.4																7	7	8	5	
4/ 1	.4	.2																5	5	7	6	
2/ -1	.6																	5	5	5	10	
0/ -3	.6																	5	5	5	4	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	APR

PAGE 2 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5	.5	.1																5	5	4	5
-6/ -7	.4																	3	3	4	4
-8/ -9	.4																	3	3	3	5
-10/-11	.1																	1	1	1	5
-12/-13																					3
-14/-15																					2
-16/-17	.1																	1	1	1	
-18/-19																					2
-20/-21																					2
-22/-23																					1
TOTAL	12.1	37.6	27.7	12.6	5.9	2.5	.9	.5	.4									852	853	852	852

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum.	4621147	61473	72.2	14.775	852							
Dry Bulb	1005950	27548	32.3	11.682	853	2.4	45.2					90
Wet Bulb	812252	24888	29.2	10.008	852	2.4	56.5					90
Dew Point	567829	20201	23.7	10.219	852	4.6	77.9					90

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
APR — MONTH

 0900-1100 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
78/ 77												.1						1	1		
76/ 75												.1						1	1		
74/ 73											.1	.2						3	3		
72/ 71											.2		.1					3	3		
70/ 69										.2	.4							5	5		
68/ 67								.1	.1	.6	.1							8	8		
66/ 65							.1		.1	.1								3	3		
64/ 63							.1	.2	.6	.5								12	12		
62/ 61						.4	.2	.5	.4	.1								13	13		
60/ 59						.4	.5	.6	.2									14	14		
58/ 57						.6	.7	.9										19	19		
56/ 55					.1	.7	.9	.4										18	18	1	
54/ 53				.1	.2	1.4	1.1	.7										30	30	6	
52/ 51				.7	1.1	.8	1.2	.6										37	37	9	
50/ 49		.1	.2	.7	1.8	1.9	2.1	.1										59	59	18	
48/ 47	.2	.1	.1	.8	2.6	1.8	.2											50	50	29	2
46/ 45	.1	.1	.9	1.9	2.9	1.2	.2											63	63	43	4
44/ 43		.1	1.1	1.8	3.2	.4	.1											55	55	49	7
42/ 41		.8	.6	2.6	2.0	.2												53	53	52	8
40/ 39		.5	1.2	3.2	1.2	.2												53	53	88	14
38/ 37	.2	1.1	2.3	1.6	.6													50	50	77	21
36/ 35	.2	1.9	2.5	1.1	.4	.2												53	53	96	38
34/ 33		2.2	2.7	.6	.6													52	52	94	47
32/ 31	.5	2.1	2.7	1.1	.1													55	55	72	105
30/ 29		1.6	.9	.2														24	24	42	85
28/ 27	.7	2.2	.6															30	30	48	133
26/ 25		.9	.6															13	13	31	87
24/ 23		.8	.2															9	9	17	70
22/ 21	.1	.5																5	5	13	55
20/ 19	.1	.2	.4															6	6	5	41
18/ 17		.4	.4															6	6	5	27
16/ 15		.4	.2															5	5	8	15
14/ 13		.8	.1															8	8	3	24
12/ 11		.7	.2															8	8	7	10

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) APR (MONTH)

PAGE 7 2900-1100 (HOURS)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9		1.2																10	17	0	6
8/ 7	.1	.5																5	5	12	1
6/ 5	.2	.1																3	3	6	4
4/ 3	.1	.4																4	4	3	10
2/ 1		.6																5	5	4	9
0/ -1	.2																	2	2	5	6
-2/ -3		.1																1	1	1	5
-4/ -5		.1																1	1	1	5
-6/ -7																					4
-8/ -9																					4
-10/-11																					2
-12/-13																					2
-14/-15																					2
-16/-17																					1
TOTAL	2.9	20.5	17.9	16.3	16.5	10.1	7.5	4.1	1.4	1.5	.8	.5	.1					855	855	855	855

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3110712	49214	57.6	8.041	855							
Dry Bulb	1551486	34614	40.5	3.260	855	.4	21.1	2.2	.5			90
Wet Bulb	1091177	29325	34.3	9.999	855	.7	30.6					90
Dew Point	623849	21535	25.2	9.766	855	3.4	75.2					90

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) APR (MONTH)

PAGE 1 1600-1400 (HOURS LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85															.1			1	1		
84/ 83														.1				1	1		
82/ 81														.2				2	2		
80/ 79													.2	.1				3	3		
78/ 77												.1	.6					6	6		
76/ 75												.2	.2	.2				6	6		
74/ 73										.1		.3	.1					5	5		
72/ 71									.2	.1	.2							5	5		
70/ 69									.1	.2	.3							6	6		
68/ 67								.1	1.0	.5	1.2	.2						26	26		
66/ 65							.1	.7	.3	.8	.1							18	18		
64/ 63							.2	.9	1.0	.6								24	24		
62/ 61						.1	.1	1.2	1.2	.3								25	25		
60/ 59						.1	.8	.9	.5									20	20		
58/ 57						.5	.7	.7	1.4	.1								29	29	2	
56/ 55					.2	.6	.5	1.3	1.3									33	33	11	
54/ 53				.1	.5	.9	1.3	1.3	.6									40	40	17	
52/ 51				.2	.2	.8	3.2	.8	.1									47	47	25	
50/ 49	.1	.2	.1	.3	1.4	2.5	3.4	.5										74	74	26	2
48/ 47		.3	.1	.6	2.1	1.3	.8	.1										46	46	55	1
46/ 45			.7	1.3	3.1	2.7												67	67	45	3
44/ 43		.1	.5	1.3	3.5	1.0												55	55	47	5
42/ 41		.9	.6	1.6	1.3	.2	.2											42	42	65	13
40/ 39	.1	.5	1.3	.9	.7	.6												35	35	116	18
38/ 37		1.0	1.5	1.4	.3	.2												39	39	86	31
36/ 35	.1	1.2	1.6	1.4	.7	.1												44	44	100	29
34/ 33	.1	2.1	.9	.9														35	35	65	44
32/ 31	.1	1.0	1.6	.5														28	28	42	101
30/ 29		1.4	1.0	.7														27	27	40	59
28/ 27	.2	.1	1.2	.1														14	14	33	109
26/ 25		.2	.5	.3														9	9	16	102
24/ 23		.1	.3															4	4	13	77
22/ 21		.3	.5	.1														8	8	7	74
20/ 19		.2	.3															5	5	10	43

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) APR (MONTH)

PAGE 2 1200-1400 (HOURS)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
18/ 17		.1	.7															7	7	5	32
16/ 15			.6															5	5	4	27
14/ 13		.3	.7															9	9	11	27
12/ 11		.3	.2															5	5	7	11
10/ 9	.1	.1	.1															3	3	6	8
8/ 7	.1		.2															3	3	4	6
6/ 5		.2																2	2	1	7
4/ 3		.1																1	1	4	3
2/ 1																				1	2
0/ -1																					10
-2/ -3																					7
-4/ -5																					4
-6/ -9																					1
-10/-11																					3
-12/-13																					3
-14/-15																					1
-16/-17																					1
TOTAL	1.0	11.1	15.3	11.8	14.0	11.7	11.3	8.4	7.8	2.8	1.9	.9	1.2	.7	.1			864	864	864	864

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2340976	41654	48.2	19.638	864							
Dry Bulb	1976753	39567	45.8	13.818	864		13.5	6.4	2.5	.4		90
Wet Bulb	1268917	32085	37.1	9.472	864		21.2					90
Dew Point	618153	21609	25.0	9.489	864	3.1	74.8					90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 — 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
84/ 83														.2	.2			4	4		
82/ 81														.6				5	5		
80/ 79														.2	.1			3	3		
78/ 77													.5					4	4		
76/ 75											.1	.1	.2	.3				7	7		
74/ 73										.2	.2	.6						9	9		
72/ 71										.1								1	1		
70/ 69									.3	.7	.5	.6						18	18		
68/ 67								.3	1.7	.8	.7	.3						34	34		
66/ 65								.1	.6	1.0								15	15		
64/ 63								.6	1.1	1.1								25	25		
62/ 61							.6	.6	.6	1.7								30	30		
60/ 59							.3	1.1	.8	.1								21	22		
58/ 57						.1	.1	1.2	1.1	.5								27	27	2	
56/ 55					.2	.3	.7	1.7	1.2									37	37	13	
54/ 53		.1		.1	.7	1.2	.8	2.0	.7									50	50	30	
52/ 51		.1	.1	.1	.3	.7	1.6	1.2	.3									40	40	20	
50/ 49					1.6	2.8	4.4	.8	.1									86	86	35	2
48/ 47		.1	.2	.2	1.1	1.2	.8											33	33	43	1
46/ 45		.3	.8	1.4	2.9	3.2	.8											83	83	39	1
44/ 43		.7	.5	1.6	1.7	1.6	.7											59	59	65	3
42/ 41		.9	.7	1.8	.3	.3	.2											38	38	84	9
40/ 39	.1	.1	1.0	1.5	.3	.7												33	33	103	20
38/ 37	.1	.8	.9	.6	.5	.3												28	28	104	31
36/ 35		1.4	1.2	1.4	.5													39	39	89	35
34/ 33	.2	1.1	1.6	.6	.2													33	33	67	39
32/ 31	.1	1.4	1.6	1.1														37	37	39	95
30/ 29		.6	.8	1.2														23	23	39	70
28/ 27		.3	.7	.2														11	11	23	101
26/ 25			.3															3	3	25	94
24/ 23		2	.3	.5														9	9	11	63
22/ 21		.3	.1	.7														10	10	9	69
20/ 19			.5	.6														9	9	5	64
18/ 17			.1															1	1	5	41

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) APR (MONTH)

PAGE 2 1500-1700 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
16/ 15			.2															2	2	14	37
14/ 13		.5	.6															9	9	3	36
12/ 11		.2	.1															3	3	4	10
10/ 9		.1																1	1	7	16
8/ 7			.3															3	3	2	6
6/ 5																					3
4/ 3																				3	5
2/ 1																					5
0/ -1																					5
-2/ -3																					7
-4/ -5																					6
-6/ -7																					1
-8/ -9																					3
-10/-11																					1
-12/-13																					1
-16/-17																					2
-18/-19																					1
TOTAL	.6	9.3	12.7	13.5	10.4	12.6	11.0	9.7	8.6	6.2	1.5	1.6	.7	1.4	.3				884		883
																		883		883	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2138924	39764	45.0	19.870	883							
Dry Bulb	2143810	41820	47.3	13.686	884		12.3	8.7	3.3	.9		90
Wet Bulb	1334342	33372	37.8	9.103	883		19.3					90
Dew Point	608244	21604	24.5	9.504	883	2.8	75.6					90

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200	COLD LAKE APT CN	73-82	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1600-2000 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81														.1				1	1			
80/ 79													.1	.1				2	2			
78/ 77														.1				1	1			
76/ 75													.2	.2				4	4			
74/ 73										.1		.3						4	4			
72/ 71											.2	.1	.2					5	5			
70/ 69									.2	.2		.1						5	5			
68/ 67								.3	.8	.5	.7	.1						21	21			
66/ 65							.2	.3	.6	.5	.1							15	15			
64/ 63							.3	.3	.6									11	11			
62/ 61						.3	.2	.9	.8	.5								24	24			
60/ 59						.2	.5	.9	.5									18	18			
58/ 57						.5	.7	1.0	.6	.1								25	25			
56/ 55					.1	.5	1.2	1.2	.5									29	29	5		
54/ 53			.1		.1	1.0	.9	1.4	.3									34	34	12		
52/ 51		.1	.1	.1	.6	.5	1.2	.9	.1									31	31	25		
50/ 49		.1	.1	.6	1.9	1.0	3.3	1.2										70	70	21	2	
48/ 47		.1	.1	.3	2.0	1.9	1.3	.1										50	50	34		
46/ 45		.1	.5	1.9	1.9	1.9	.6											58	58	43	2	
44/ 43		.1	.9	1.5	2.8	2.0	.5											67	68	52	5	
42/ 41	.2	.8	1.3	2.4	1.7	.5	.1											61	61	56	14	
40/ 39		.7	1.6	2.3	1.2	.5												54	54	84	13	
38/ 37	.2	.7	1.6	1.6	.3	.2												41	41	103	26	
36/ 35	.2	.9	2.0	.9	.1	.5												40	40	102	32	
34/ 33	.1	2.3	1.9	.6	.2													44	44	85	46	
32/ 31	.6	1.0	2.2	.8	.1													41	41	66	109	
30/ 29		.8	1.3	.2														20	20	35	77	
28/ 27		.5	1.9	.2														22	22	35	93	
26/ 25		.7	.6															11	11	23	74	
24/ 23		.3	.1															4	4	21	66	
22/ 21	.1		.2	.3														6	6	11	58	
20/ 19	.1	.3	.2	.2														8	8	5	53	
18/ 17		.1	.7	.1														8	8	2	43	
16/ 15			.5	.1														5	5	8	45	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) APR (MONTH)

PAGE 2 1600-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
14/ 13		.1	.6															6	6	8	30
12/ 11		.3	.1															4	4	7	17
10/ 9		.3	.1															4	4	6	10
8/ 7		.1																1	1	4	3
6/ 5		.1	.1															2	2	2	4
4/ 3		.2																2	2	6	4
2/ 1		.1																1	1	2	3
0/ -1																				1	4
-2/ -3																					9
-4/ -5																					8
-6/ -7																					3
-8/ -9																					3
-10/-11																					1
-18/-19																					1
-20/-21																					2
TOTAL	1.6	11.3	18.8	14.4	13.0	11.4	10.9	8.7	5.0	1.9	1.0	.7	.6	.6				860	861	860	860

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2528236	43488	50.6	19.575	860							
Dry Bulb	1803493	37797	43.9	12.951	861		15.2	4.5	1.3	.1		90
Wet Bulb	1188833	30997	36.0	9.130	860	.1	24.9					90
Dew Point	601314	21152	24.6	9.715	860	3.2	75.3					90

USAFETAC FORM JUN 71 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
71120	COLD LAKE APT CN	73-82	APR

PAGE 1 2100-2300 (MST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 67									.1	.1	.2							4	4		
66/ 65								.1		.2								3	3		
64/ 63							.1	.1	.7									8	8		
62/ 61						.3		.1	.1	.1								6	6		
60/ 59					.1	.7	.2	.2	.1	.1								13	13		
58/ 57					.2	.7	.3	.3										14	14		
56/ 55					.2	.7	.6		.2									15	15		
54/ 53				.1	.2	.9	.5	.1										16	16		
52/ 51					1.0	.9	.3	.2										22	22	6	
50/ 49		.1	.3	.5	2.7	.9	1.4	.1										53	53	14	
48/ 47		.3		1.0	.9	1.4	.5											36	36	22	
46/ 45		.6	.3	.9	1.0	1.1	.1											36	36	23	5
44/ 43		.2	.6	1.0	3.1	1.0	.1											53	53	47	7
42/ 41		1.1	.5	3.2	1.8	.1												59	59	43	15
40/ 39	.2	.3	2.6	3.1	2.4	.2												78	78	44	12
38/ 37	.2	1.3	3.0	3.9	1.6	.1												88	88	61	22
36/ 35	.7	1.8	3.0	1.6	.5													66	66	128	35
34/ 33	.2	3.1	3.9	1.0	.5													76	76	112	44
32/ 31	1.3	2.7	3.7	.5	.2													73	73	113	107
30/ 29	.1	1.6	1.4	.6														32	32	74	72
28/ 27	.1	1.5	1.6	.3														31	31	47	112
26/ 25	.1	1.0	.9															18	18	34	81
24/ 23	.1	1.3	.7															18	18	22	64
22/ 21	.3	.2	.1															6	6	26	69
20/ 19	.1																	1	1	6	61
18/ 17		.1																1	1	2	43
16/ 15	.1	.2	.3															6	6	3	34
14/ 13	.2	.7	.3															11	11	6	30
12/ 11			.5															4	4	7	6
10/ 9		.8	.3															10	10	3	9
8/ 7		.2																2	2	9	3
6/ 5		.3																3	3	5	3
4/ 3		.3																3	3	3	1
2/ 1	.1	.3																4	4	7	2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 C A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200	COLD LAKE APT CN	73-82	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 2100-2300

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
/ -1																					7
-2/ -3		.2																2	2	2	3
-4/ -5		.2																2	2	2	11
-6/ -7																					4
-8/ -9																					4
-10/-11																					3
-12/-13																					1
-14/-15																					2
-16/-17																					1
TOTAL	4.0	20.3	24.1	17.8	16.6	9.2	4.1	1.4	1.3	.6	.2							873			873
																		873		873	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3529648	53320	61.1	17.695	873							
Dry Bulb	1386812	33340	38.2	11.411	873	.4	23.4	.4				93
Wet Bulb	1020202	28786	33.0	9.030	873	.4	38.2					93
Dew Point	617607	21619	24.8	9.711	873	3.7	75.6					93

USAFETAC FORM 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
71120	COLD LAKE APT CN	73-82	APR

PAGE 1 ALL HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85															.0			1	1		
84/ 83														.0	.0			5	5		
82/ 81														.1				8	8		
80/ 79													.0	.1	.0			8	8		
78/ 77												.0	.1	.0				12	12		
76/ 75											.0	.1	.1	.1				18	18		
74/ 73										.1	.0	.2	.0					21	21		
72/ 71									.0	.0	.1	.0	.0					14	14		
70/ 69									.1	.2	.1	.1						34	34		
68/ 67								.1	.5	.3	.4	.1						93	93		
66/ 65							.1	.2	.2	.3	.0							56	56		
64/ 63							.1	.3	.5	.3								84	84		
62/ 61						.1	.1	.4	.4	.3								103	103		
60/ 59					.0	.2	.3	.5	.3	.0								91	92		
58/ 57					.0	.3	.4	.6	.4	.1								129	129	4	
56/ 55					.1	.4	.5	.6	.4									144	144	10	
54/ 53		.0	.0	.1	.2	.9	.6	.7	.2									186	186	67	
52/ 51		.0	.0	.2	.5	.6	1.0	.5	.1									207	207	87	
50/ 49	.0	.1	.2	.4	1.6	1.4	2.0	.3	.0									419	419	123	8
48/ 47	.0	.2	.3	.6	1.4	1.1	.5	.0										282	282	199	7
46/ 45	.1	.2	.6	1.4	1.8	1.4	.2											404	404	241	24
44/ 43	.0	.3	.7	1.3	2.1	.8	.2											370	371	332	37
42/ 41	.0	.9	.9	2.0	1.0	.2	.1											350	350	384	84
40/ 39	.2	.8	1.5	2.0	.8	.3												386	386	557	109
38/ 37	.2	1.1	2.1	1.6	.6	.1												389	389	574	170
36/ 35	.3	1.7	2.5	1.4	.3	.1												442	442	693	262
34/ 33	.2	3.0	3.1	.9	.2													507	507	667	332
32/ 31	.8	3.3	4.5	.8	.1													650	651	626	774
30/ 29	.4	2.6	1.5	.5														347	347	569	557
28/ 27	.6	2.2	1.5	.1														303	304	514	888
26/ 25	.3	1.4	.5	.0														159	159	318	745
24/ 23	.2	1.[illegible]	.4	.1														116	116	210	580
22/ 21	.2		.2	.1														98	98	151	522
20/ 19	.2		.3	.1														73	73	98	454

Element (X)	Σ_n	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 2 — ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
18/ 17	.0	.2	.2	.0														31	31	46		252
16/ 15	.0	.2	.2	.0														31	31	46		252
14/ 13	.1	.6	.3															67	67	45		232
12/ 11	.1	.4	.1															45	45	54		84
10/ 9	.1	.4	.1															41	41	46		78
8/ 7	.1	.2	.1															29	29	46		68
6/ 5	.1	.3	.0															27	27	33		30
4/ 3	.1	.3																26	26	35		36
2/ 1	.1	.3																23	23	31		36
0/ -1	.3																	18	18	25		47
-2/ -3	.1	.0																12	12	12		41
-4/ -5	.2	.1																19	19	17		55
-6/ -7	.1	.0																12	12	12		21
-8/ -9	.1																	8	8	10		33
-10/-11	.0																	3	3	3		31
-12/-13	.0																	2	2	2		15
-14/-15																						8
-16/-17	.0																	1	1	1		5
-18/-19																						6
-20/-21																						12
-22/-23																						3
TOTAL	5.4	23.2	12.1	13.6	7.8	7.9	6.1	4.3	3.2	1.6	.7	.5	.3	.3	.1			6908		6908		6904
																		6904		6904		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	27453585	411739	59.6	20.491	6904							
Dry Bulb	11881460	270190	39.1	13.791	6908	7.8	223.4	22.3	7.6	1.5		720
Wet Bulb	8342627	229573	33.3	10.133	6904	8.6	307.2					720
Dew Point	4768148	168040	24.3	9.912	6904	29.5	612.3					720

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] — GOOD LAKE, ARIZONA — 73-82 YEARS — MAY

PAGE 1 — 0000-0300

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/ 69									.3											3		
6-/ 67									.2											2		
67/ 65								.1	.1											2		
64/ 62							.2	.2	.2											7		
7/ 59		.1		.1		.2	.6													9		
7/ 59	.1	.2	.1	.5	.4	.6	.1	.3												22	2	1
7/ 57	.1	.2	.4	.4	.3	.7	.9	.4												32	3	4
5-/ 55		.3	.7	.3	.5	.7	.7	.1												27	6	
54/ 53		1.0	.9	.7	.4	.3	.5	.1												36	19	2
52/ 51		1.7	1.9	1.4	1.7	.8	.6													72	34	12
5/ 49	.2	2.4	3.2	2.2	2.1	1.9	.1													110	57	40
4-/ 47	.1	2.6	1.5	1.7	1.7	.6	.1													69	56	27
47/ 45	.7	2.4	2.1	1.9	1.4	.2														79	92	48
44/ 43	1.1	4.6	2.3	1.4	.9	.1														95	94	61
42/ 41	.8	5.3	1.8	1.8	.7															93	114	68
4 / 39	.3	2.3	2.5	1.5	.7															67	117	71
3-/ 37	.3	2.1	1.4	.9	.4															47	70	98
35/ 35	.1	1.9	1.5	.9	.4															44	77	62
34/ 33	.2	1.2	.4	.3	.3															23	55	66
32/ 31	.5	.4	2.0	.9																35	31	77
30/ 29		1.2	.6																	16	20	70
2-/ 27	.2	.1																		3	35	67
26/ 25		.4																		4	11	37
24/ 23		.7																		6	4	25
22/ 21		.1																		1	6	12
2 / 19																					1	17
2-/ 17																						19
16/ 15																						12
14/ 13																						7
12/ 11																						1
2 / 9																						2
TOTAL	4.9	31.5	23.4	17.0	11.4	6.0	3.5	1.4	.9									906	906	906	906	906

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4234439	64127	70.8	8.070	906							
Dry Bulb	1898072	41814	45.0	8.106	906		6.7	.5				93
Wet Bulb	1543946	36868	40.7	6.947	906		11.1					93
Dew Point	1191948	31910	35.2	8.672	906		35.5					93

USAFETAC FORM 0-26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE ART CN	73-82	MAY

PAGE 1 0300-0600

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
69/ 67							.1	.1										2	2		
68/ 63				.1				.1										2	2		
62/ 61						.1	.2											3	3		
61/ 59				.2		.2	.3											7	7		
59/ 57		.2	.4	.2	.1	.3	.1	.6										18	18	2	
56/ 55	.1	.3	.3	.4	.3	.1	.1											15	15	9	2
54/ 53	.4	.8	1.0	.4	.4	.3	.2											33	33	9	8
52/ 51	.3	1.1	1.2	.7	.2	.1	.1											34	34	22	10
50/ 49	.6	2.4	2.7	1.4	1.7	1.1	.6											94	94	40	30
48/ 47	.6	1.4	1.4	1.0	1.3	.1												53	53	50	46
46/ 45	.1	4.6	1.4	2.2	1.1													85	85	52	39
44/ 43	1.0	3.4	2.4	1.0	1.0													80	80	84	57
42/ 41	1.3	6.6	1.3	.9	.1													92	92	87	61
40/ 39	.6	4.9	2.6	2.0														90	90	143	42
38/ 37	1.6	3.4	1.6	.8	.1													69	69	87	120
36/ 35	.2	3.0	1.4	.6														47	47	72	64
34/ 33	.8	3.3	1.6	.6	.1													57	58	69	65
32/ 31	1.0	2.7	2.6	.6	.1													62	62	65	107
30/ 29	.4	1.6	.9	.1														27	27	32	71
28/ 27	.1	1.1	.4															15	15	35	67
26/ 25	.1	.3																4	4	25	32
24/ 23		.8																7	7	6	48
22/ 21	.1	.2																3	3	9	19
20/ 19	.1																	1	1	4	20
18/ 17																					15
16/ 15																					9
14/ 13																					4
12/ 11																					2
10/ 9																					2
TOTAL	9.4	42.2	23.2	13.2	6.9	2.4	1.8	.6										900	901	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	5565155	69253	76.9	16.212	900							
Dry Bulb	1644986	37842	42.0	7.861	901		12.3	.2				93
Wet Bulb	1402247	34957	38.8	7.034	900		18.2					93
Dew Point	1146052	31228	34.7	8.339	900		38.9					93

USAFETAC FORM 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711120	COLD LAKE APT CN	73-80	MAY

PAGE 1 0600-0800 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67									.1									1	1		
66/ 65				.2			.1		.1									4	4		
64/ 63					.3	.2	.7											11	11		
62/ 61			.1		.6	.2	.7	.2										16	16		
60/ 59		.1	.5	.9	.6	.3	.6											26	26	2	
58/ 57		.3	.7	1.0	.7	.3	.7	.2	.1									36	36	2	
56/ 55	.1	.5	.7	.9	1.4	.7		.1										38	39	14	4
54/ 53		1.3	1.4	1.5	.7	1.3	.5											57	57	29	8
52/ 51	.5	1.1	.8	1.5	1.0	.3	.6											51	51	49	14
50/ 49	.1	2.0	3.1	2.2	2.8	.7	.5											100	100	49	41
48/ 47	.3	2.0	2.3	1.9	2.0	.6	.1											82	82	74	41
46/ 45	.9	3.9	1.8	3.6	.9	.2	.1											101	101	84	55
44/ 43	.5	2.8	1.9	1.9	.9													71	71	97	62
42/ 41	1.0	4.0	2.2	1.9	.7													86	86	106	67
40/ 39	.2	2.0	1.4	1.1	.6	.1												48	48	106	71
38/ 37	1.4	1.7	1.4	.6	.6													49	49	81	71
36/ 35	.3	1.7	.9	.3														29	29	66	81
34/ 33	.1	.0	1.1	.5	.1													20	20	41	70
32/ 31	.3	.8	1.3	.2														23	24	21	93
30/ 29	.5	.8	.2	.1														14	14	25	47
28/ 27		.6	.1															6	5	20	47
26/ 25		.7																6	6	9	27
24/ 23		.2																2	2	6	19
22/ 21		.2																2	2	4	24
20/ 19																					12
18/ 17																					14
16/ 15																					5
14/ 13																					6
TOTAL	6.3	27.3	21.7	20.5	13.9	5.0	4.4	.6	.3									879	880	879	879

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4669446	62280	70.9	17.099	879							
Dry Bulb	1922825	40505	46.0	8.154	880		5.7	.1				93
Wet Bulb	1565732	36584	41.6	7.007	879		9.0					93
Dew Point	1221530	31918	36.3	8.439	879		31.1					93

USAFETAC FORM 0-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	MAY

 2970-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79													.1					1	1		
76/ 75								.2			.1	.1						4	4		
74/ 73						.1		.1	.3		.2							7	7		
72/ 71								.3	.1	.3	.2	.1						10	10		
70/ 69					.1	.1	.8	.4	.3	.3	.2	.1						22	22		
68/ 67				.1	.1	.4	.6	.8	.9	.6	.3	.1						35	35		
66/ 65				.2	.2	.8	1.1	.8	1.2	.6	.2							46	46		
64/ 63				.3	1.5	1.3	2.1	1.8	1.0	.6								77	78	3	
62/ 61			.2	.8	1.2	1.3	.9	.6	.6	.1								51	51	2	
60/ 59		.2	.2	.8	.8	1.7	.8	1.2	1.0	.1								61	61	13	
58/ 57		.1	.7	.9	1.2	1.3	.9	1.1	.6	.1								62	62	19	3
56/ 55		.1	.6	.8	.4	1.2	2.2	1.0	.1									58	58	54	5
54/ 53	.1	1.1	.7	.4	1.3	1.6	1.9	.3										67	67	69	10
52/ 51	.1	.2	1.0	.6	1.7	1.1	.9	.3										53	53	80	18
50/ 49	.1	1.1	2.2	.9	3.1	2.0	.6	.4										94	94	92	52
48/ 47	.2	.9	.4	1.5	1.8	.4	.7											53	53	67	52
46/ 45	.2	2.2	.8	1.6	1.1	.7	.1											60	61	97	59
44/ 43	.2	1.7	.6	.7	1.2	.7	.1											46	46	114	59
42/ 41		.6	.4	.7	.2	.2	.1											20	20	93	63
40/ 39		.8	.3	.3	.1	.3												17	17	70	49
38/ 37	.3	.2	.2	.2														9	9	37	55
36/ 35		.6	.3	.3	.1													12	12	33	62
34/ 33			.3	.3														6	6	17	68
32/ 31		.2	.3															5	5	13	93
30/ 29	.1	.1	.3															5	5	10	51
28/ 27		.4	.2															6	6	6	61
26/ 25		.2																2	2	6	29
24/ 23																				4	32
22/ 21																					17
20/ 19																					16
18/ 17																					14
16/ 15																					10
14/ 13																					6
12/ 11																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
71120	COLD LAKE APT CN	73-82	MAY

PAGE 2 0900-1100 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
100/ 9																					3
TOTAL	1.5	10.9	13.0	11.5	16.4	15.5	13.8	9.6	6.2	2.7	1.3	.4	.1						891		889
																		889		889	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	2934484	48014	54.0	9.605	889							
Dry Bulb	2691211	48237	54.1	9.466	891		1.9	8.2	1.3			93
Wet Bulb	1894766	40554	45.6	7.102	889		4.1					93
Dew Point	1237169	32095	36.1	9.400	889		34.9					93

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PAGE 1 1200-1400 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 83															.2			2	2		
52/ 81												.1	.1	.1				3	3		
50/ 79											.4	.1	.1					6	6		
78/ 77								.1		.3	.4	.6	.1	.1				15	15		
76/ 75							.2		.2	.2	.6	.4	.1	.1				17	17		
74/ 73								.3	.4	.6	.4	.3						19	19		
72/ 71							.3	.2	.7	.4	.9	.3						26	26		
70/ 69					.1		.2	.3	1.8	1.0	.6	.3						39	39		
68/ 67					.7	.6	.8	2.2	3.0	1.0	1.5	.1						88	88		
66/ 65				.3	.3	.8	.9	1.9	.8	.9	.4							57	57	2	
64/ 63				.2	.4	.8	1.3	1.9	1.0	1.8	.1							68	68	1	
62/ 61			.3	.7	.2	1.5	2.0	.8	1.2	.8	.1							68	68	5	
60/ 59			.2	.3	.3	.4	.4	2.0	1.9	.1								52	52	29	
58/ 57		.1	.2	.1	.4	.7	1.5	2.1	.9	.1								55	55	25	2
56/ 55		.1	.6	.2	.7	.3	1.1	1.9	.3									47	47	86	4
54/ 53		.3	.4	.7	.8	1.9	1.6	.3	.3									57	57	73	16
52/ 51	.1	.4	.9	.9	1.6	.7	1.5	.3	.1									58	58	86	16
50/ 49	.2	.8	2.4	.6	2.0	.6	1.3	.3										73	73	84	35
48/ 47		.2	1.0	.7	1.1	.6	.2	.2										36	36	78	43
46/ 45	.1	1.3	.3	.9	.3	.6	.3	.2										37	37	114	41
44/ 43		.9	.3	.1	.3	.1												16	16	113	50
42/ 41		.7	.1	.1	.2													10	10	71	74
40/ 39	.1	.4	.3	.3	.4													15	15	41	62
38/ 37			.2	.3	.2	.1												8	8	24	72
36/ 35		.2		.2														4	4	19	63
34/ 33	.1	.1	.1	.1														4	4	18	59
32/ 31		.1	.4	.1														6	6	5	56
30/ 29		.3	.2	.1														6	6	7	48
28/ 27																				7	80
26/ 25																				4	45
24/ 23																					32
22/ 21																					38
20/ 19																					19
18/ 17																					12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	MAY

PAGE 2 1200-1400 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1[illegible]/ 15																					7
14/ 13																					11
1[illegible]/ 11																					3
1[illegible]/ 9																					2
[illegible]/ 5																					2
TOTAL	.7	6.2	8.2	7.1	10.3	9.5	13.8	15.4	12.8	7.3	5.5	2.4	.4	.3	.2			892	892	892	892

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2196519	40559	45.5	19.885	892							
Dry Bulb	3128526	52048	58.3	10.136	892		1.3	22.4	6.5	.6		93
Wet Bulb	2029951	42107	47.2	6.889	892		2.4					93
Dew Point	1174791	31223	35.0	9.586	892		37.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
84/ 83														.1	.1			2	2			
82/ 81										.1	.1		.2	.1				5	5			
80/ 79											.1	.4		.2				7	7			
78/ 77									.2	.3	.5	1.2	.1	.1				23.	23.			
76/ 75								.1	.1	.2	.3	.4	.7					17	17			
74/ 73							.4	.5	.5	1.0	1.0	.7						38.	38.			
72/ 71								.3	.9	.9	.4	1.3	.3					38	38			
70/ 69							.7	.5	1.2	1.5	.8	.4						47	47			
68/ 67					.2	1.2	.8	1.6	3.2	1.4	1.2	.2						90	90			
66/ 65					.3	.2	.4	1.2	1.6	1.8	.7							57	57			
64/ 63				.2	.7	.9	1.1	1.9	1.3	2.7	.5							85	85	4		
62/ 61				.3	.2	.4	1.1	.5	.8	1.3								43	43	7		
60/ 59				.9	.2	.5	.4	1.9	2.0	.1								55	56	23		
58/ 57		.1	.7	.2	.3	.7	.4	3.1	.2	.4								56.	56.	45.		
56/ 55			.4	.3	.9	.7	1.0	1.8	1.0									55	55	63	3	
54/ 53	.3	.3	.7	.5	.9	1.4	1.0	.4	.1									52.	52.	103.	8	
52/ 51		.2	1.0	.5	1.5	1.2	.7	1.0										56	56	76	19	
50/ 49	.1	1.2	1.3	1.6	1.2	.7	.9	.1	.4									69.	69.	92.	45	
48/ 47		.8	.4	.8	.1	1.1	.1	.2										32	32	99	41	
46/ 45		.8	.7	.3		.2	.2											20.	20.	107.	35	
44/ 43		.7	.3	.4	.1	.2												16	16	117	49	
42/ 41	.1	.7	.1	.3	.3	.2												16.	16.	60.	54	
40/ 39	.1	.5		.2	.8	.1												16	16	45	75	
38/ 37			.1	.1	.1													3.	3.	22.	72	
36/ 35		.1	.2															3	3	14	77	
34/ 33																				13.	47	
32/ 31	.1	.1	.8	.3														12	12	11	63	
30/ 29		.1																1.	1.	4.	55	
28/ 27																				9	58	
26/ 25																					63	
24/ 23																					36	
22/ 21																					43	
20/ 19																					26	
18/ 17																					18	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	MAY

PAGE 2 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
15/ 15																					8
14/ 13																					7
13/ 11																					6
12/ 9																					5
11/ 7																					1
TOTAL	.8	5.6	6.7	7.2	7.9	9.7	9.2	15.2	13.6	11.8	5.7	4.7	1.3	.5	.1			914	915	914	9.4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2057317	39193	42.9	10.312	914							
Dry Bulb	3355825	54615	59.7	10.245	915		1.3	27.1	9.4	1.3		93
Wet Bulb	2111424	43500	47.6	6.711	914		2.4					93
Dew Point	1166698	31430	34.4	9.700	914		39.6					93

USAFETAC FORM 0-26 3 JUN 71 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 1600-2000 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83															.1			1		1		
82/ 81													.1					1		1		
80/ 79										.1		.3	.1	.1				6		7		
78/ 77										.2		.1		.1				4		4		
76/ 75									.1	.1	.4	.4	.2					12		12		
74/ 73								.1	.1	.8	.7		.1					16		16		
72/ 71						.1	.1	.3	.6	.8	.6	.2	.2					26		26		
70/ 69					.1	.2	.7	.2	1.3	.9	.7	.3						40		40		
68/ 67					.1	1.2	.7	2.0	1.5	1.2	1.6							74		74		
66/ 65				.1	.2	.6	.7	1.3	1.6	.7	.2							48		49		
64/ 63				.3	.9	.2	1.7	1.1	1.6	1.1	.2							64		64		
62/ 61			.2	.2	.3	.9	1.1	.8	1.9	.7	.1							56		56	4	
60/ 59			.1	.9	.3	1.5	.8	1.2	1.5									57		57	17	
58/ 57		.3	.1	.8	.7	.7	.6	1.7	1.3	.1								56		56	31	
56/ 55		.2	.6	.6	1.0	.7	.6	1.2	.6	.1								49		49	54	4
54/ 53		.8	.8	.7	.9	1.3	2.3	.6	.3									69		69	77	8
52/ 51	.1	.8	.8	.6	1.0	1.3	.7	1.0										56		56	87	18
50/ 49	.1	1.3	1.6	2.9	1.7	1.5	1.1	.6										96		96	100	63
48/ 47		1.1	.6	1.3	.4	.7	.3	.1										41		41	86	21
46/ 45	.2	1.6	1.1	1.0	.2	.6	.2	.2										46		46	100	51
44/ 43		1.1	.1	.3	.6	.1												20		20	115	54
42/ 41		.8	.1	.4	.3		.1											16		16	96	61
40/ 39	.1	.8		.3	.4	.2												17		17	49	72
38/ 37				.1	.3													4		4	26	73
36/ 35				.1	.1													2		2	23	62
34/ 33		.3	.1															4		4	11	54
32/ 31	.1	.3	.1	.3														8		8	11	57
30/ 29		.1	.3															4		4	7	50
28/ 27		.1																1		1	3	68
26/ 25		.1																1		1	7	54
24/ 23																					1	38
22/ 21																						18
20/ 19																						23
18/ 17																						14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE ART CN	73-82	MAY

PAGE 2 1800-2300

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1-/ 15																					11
14/ 13																					9
1-/ 11																					4
10/ 9																					8
TOTAL	.7	9.8	6.6	11.1	9.7	11.8	11.6	12.5	12.3	6.8	4.5	1.5	.8	.2	.1			895	896	895	895

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	2479947	43075	48.1	21.332	895							
Dry Bulb	3001143	51095	57.0	9.863	896		1.5	18.8	4.3	.2		93
Wet Bulb	1984270	41716	46.6	6.679	895		3.0					93
Dew Point	1183476	31358	35.0	9.739	895		36.8					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — 2100-2300 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
74/ 73										.1								1	1		
72/ 71									.1	.1	.1							3	3		
70/ 69									.2	.4	.1							7	7		
68/ 67					.1	.3	.2		.6	.1	.1							13	13		
66/ 65				.1	.1	.4	.4	.3	.3	.1								17	17		
64/ 63				.3	.2	.9	1.1	.8	.6									35	35		
62/ 61				.7	.7	1.1	1.1	.2	.4									38	38	1	
60/ 59			.6	1.0	.8	.7	.7	1.6	.2									49	49	1	
58/ 57		.1	.7	1.0	.7	1.6	1.2	1.1										57	57	8	
56/ 55		.7	.6	.6	.9	1.6	1.0	.2										48	48	30	2
54/ 53		.6	.9	1.6	2.8	1.2	1.3	.3										78	78	44	8
52/ 51	.1	1.1	1.2	1.7	1.3	1.3	1.1	.1	.1									73	73	58	20
50/ 49	.6	2.3	2.4	.8	2.0	2.7	1.1	.1										108	108	76	46
48/ 47		1.6	2.0	1.1	1.0	.6	.6											61	61	109	48
46/ 45	.7	3.1	3.1	2.4	1.7	.9	.7											113	113	93	53
44/ 43	.2	2.4	1.9	1.2	.7	.4												62	62	106	62
42/ 41	.2	1.8	.8	1.0	.3	.3												40	40	104	66
40/ 39	.3	.8	.7	1.1	.6	.2												33	33	94	78
38/ 37	.1	1.2	.7	.2	.6													25	25	57	81
36/ 35		.3	.3	.4	.2													12	12	40	63
34/ 33			.1	.4	.1													6	6	30	55
32/ 31	.1	.4	.2	.2														9	9	14	65
30/ 29	.2	.4																6	6	16	59
28/ 27			.1															1	1	13	65
26/ 25		.4																4	4		47
24/ 23		.4																4	4	5	13
22/ 21																				4	15
20/ 19																					15
18/ 17																					11
16/ 15																					19
14/ 13																					6
12/ 11																					5
10/ 9																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	MAY

PAGE 2 2100-2300 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	2.5	17.7	16.2	15.8	14.5	14.2	10.5	4.5	2.5	.9	.3							903	903	903	903

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	3732730	55220	61.2	9.865	903							
Dry Bulb	2347551	45393	50.3	8.534	903		2.5	2.5	.1			93
Wet Bulb	1763391	39435	43.7	6.760	903		5.4					93
Dew Point	1241564	32460	35.9	9.102	903		33.1					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE ART CN — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83														.0	.1			5	5			
82/ 81										.0	.0	.0	.1	.0				9	9			
80/ 79										.0	.1	.1	.0	.0				20	21			
78/ 77								.0	.0	.1	.1	.2	.0	.0				42	42			
76/ 75							.0	.0	.1	.1	.2	.2	.1	.0				50	50			
74/ 73						.0	.1	.1	.2	.3	.3	.1	.0					81	81			
72/ 71						.0	.1	.2	.3	.3	.3	.3	.1					103	103			
70/ 69					.0	.0	.3	.2	.7	.5	.3	.2						156	156			
68/ 67				.0	.2	.5	.4	.8	1.2	.5	.6	.1						305	305			
66/ 65				.1	.2	.3	.5	.7	.7	.5	.2							231	231	2		
64/ 63				.2	.5	.5	1.0	1.0	.7	.8	.1							349	350	8		
62/ 61		.0	.1	.3	.4	.7	1.0	.4	.6	.4	.0							284	284	19		
60/ 59	.0	.1	.2	.7	.4	.8	.9	1.0	.8	.0								329	330	87	1	
58/ 57	.0	.2	.5	.6	.6	.8	.8	1.3	.4	.1								372	372	135	9	
56/ 55	.0	.3	.5	.5	.8	.7	.8	.8	.3	.0								337	337	318	24	
54/ 53	.1	.8	.8	.8	1.0	1.2	1.2	.3	.1									451	451	423	66	
52/ 51	.2	.9	1.1	1.0	1.3	.9	.8	.3	.0									453	453	492	127	
50/ 49	.3	1.7	2.4	1.6	2.1	1.4	.8	.2	.1									744	744	592	352	
48/ 47	.2	1.3	1.2	1.2	1.1	.6	.3	.1										427	427	619	399	
46/ 45	.4	2.5	1.4	1.7	.8	.4	.2	.1										541	542	739	381	
44/ 43	.4	2.2	1.2	.9	.7	.2	.0											405	406	64[illegible]	454	
42/ 41	.4	2.5	.8	.9	.4	.1	.0											372	373	705	514	
40/ 39	.2	1.6	1.0	.9	.4	.1												303	303	445	520	
38/ 37	.5	1.1	.7	.4	.3	.0												214	214	424	642	
36/ 35	.1	1.0	.6	.4	.1													153	153	344	534	
34/ 33	.2	.7	.5	.3	.1													120	121	254	484	
32/ 31	.3	.6	1.0	.3	.0													160	161	171	611	
30/ 29	.2	.6	.3	.0														79	79	121	451	
28/ 27	.0	.3	.1															32	32	126	513	
26/ 25	.0	.3																21	21	62	334	
24/ 23		.3																19	19	26	223	
22/ 21	.0	.1																6	6	23	186	
20/ 19	.0																	1	1	3	148	
18/ 17																						117

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

USAFETAC FORM JUN 71 0-26-3 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	MAY

PAGE 2 ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
1-/ 15																					61
14/ 13																					56
12/ 11																					23
1 /																					23
-/																					1
-/																					2
TAL	3.3	18.9	14.5	12.9	11.4	9.3	8.6	7.9	6.1	3.7	2.0	1.1	.3	.1	.1				7184		7178
																		7178		7178	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	29470337	4217621	58.8	22.684	7178							
Dry Bulb	17990139	370549	51.6	11.352	7184		33.0	80.2	21.5	1.9		744
Wet Bulb	14295717	315721	44.0	7.548	7178		55.3					744
Dew Point	9563268	253622	35.3	9.158	7178		287.0					744

USAFETAC FORM 0 26 3 OL A Prev. Ed. Obsolete. Use Form AWS 38/CNEE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 2000-2200 — HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					.1	.2	.1											4	4		
68/ 67					.1	.2	.6											8	8		
66/ 65			.2	.1	.6	.1	.1											10	10		
64/ 63				.2	.5		.1											7	7	1	
62/ 61			.7	1.7	.5	.2												26	26	2	
60/ 59		1.4	1.1	1.2	1.2	.2												43	44	8	1
58/ 57	.1	1.2	1.8	1.9	1.0	.7												56	56	29	9
56/ 55	.1	3.1	3.5	1.2	1.3	.1												78	78	55	19
54/ 53	.5	4.8	4.2	2.0	1.4													108	109	77	27
52/ 51	.7	4.7	3.7	2.6	.4	.1												122	122	116	74
50/ 49	1.9	10.4	4.7	1.6	1.3	.1												167	167	123	146
48/ 47	.4	5.4	3.1	.6	.1	.1												81	81	149	122
46/ 45	.8	5.5	1.3	.1														65	65	97	139
44/ 43	.2	2.8	1.2	.1														36	36	80	61
42/ 41	.2	2.3	.2															23	23	46	86
40/ 39	.1	.6	.2															8	8	32	52
38/ 37	.6	.4	.1															9	9	11	50
36/ 35		.4																3	3	5	23
34/ 33																				3	10
32/ 31																					11
30/ 29																					1
28/ 27																					2
26/ 25																					1
TOTAL	5.8	42.9	26.1	13.4	8.5	2.3	1.2											834	836	634	834

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5539325	67125	80.5	12.812	834							
Dry Bulb	2258451	43179	51.6	5.819	836			1.3				93
Wet Bulb	1976498	40394	48.4	4.906	834							93
Dew Point	1751943	37951	45.5	5.477	834		1.6					90

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200	COLD LAKE APT CN	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71								.1										1	1		
70/ 69							.2											2	2		
68/ 67						.1												1	1		
66/ 65			.4	.2	.1	.1												7	7		
64/ 63			.4	.2	.4	.1												9	9		
62/ 61		.1	.1	.2	.1													5	5	3	
60/ 59		.1	1.3	1.3		.4												26	26	10	3
58/ 57	.1	.8	.6	.6	.2													20	20	6	4
56/ 55	.4	3.3	1.7	1.1	.6	.1												60	60	35	12
54/ 53	.5	4.8	2.5	1.0	.5													77	77	61	27
52/ 51	.4	7.4	2.0	1.3	.5													97	97	95	50
50/ 49	2.1	11.0	4.6	.8	.5	.1												162	162	121	151
48/ 47	2.1	8.2	2.7	1.0	.2													120	120	136	98
46/ 45	1.9	7.2	1.4	.6														94	94	124	141
44/ 43	.7	4.5	.6	.1														52	52	86	76
42/ 41	1.2	3.2	.1															38	38	69	85
40/ 39	.6	2.7	.7															34	34	55	58
38/ 37	.6	1.3																16	16	32	55
36/ 35	.7	.7	.2															14	14	15	40
34/ 33	.4	.5																7	7	12	23
32/ 31																					16
30/ 29																					3
TOTAL	11.6	55.9	19.6	8.4	3.1	1.0	.2	.1										842	842	842	842

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6234240	71852	85.3	1.054	842							
Dry Bulb	2053670	41274	49.0	6.018	842			.4				90
Wet Bulb	1863133	39355	46.7	5.307	842							90
Dew Point	1703135	37571	44.6	5.632	842		2.0					90

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PAGE 1 0600-0800 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
74/ 73								.1										1		1		
72/ 71						.1		.1										2		2		
70/ 69				.1		.1	.2											4		4		
68/ 67			.1	.4	.5	.9	.6											21		21		
66/ 65			.4	1.3	1.1	.7	.4											32		32		
64/ 63		.1	.2	1.4	1.1	.1	.2											27		27	3	
62/ 61		.1	1.1	1.3	1.7	.7	.1											42		42	11	1
60/ 59		.5	3.2	2.7	.7	.6												65		65	25	8
58/ 57		1.4	3.4	2.2	1.2	.8	.1											78		78	43	5
56/ 55	.5	3.0	3.3	3.0	1.2	.1												93		93	87	23
54/ 53	.4	4.9	3.1	3.3	1.9	.1												115		115	112	57
52/ 51	.2	6.2	3.9	2.4	.6													112		112	120	92
50/ 49	1.3	5.6	5.4	1.8	.2													121		121	141	179
48/ 47	.5	3.3	2.1	.5	.4													57		58	119	108
46/ 45	.2	2.5	1.4															35		35	85	129
44/ 43		1.9	.1	.1														16		18	41	69
42/ 41	.2	1.1	.2															13		13	35	58
40/ 39		.1	.2															3		3	12	47
38/ 37	.5	.2																6		6	11	38
36/ 35																						20
34/ 33																						3
32/ 31																						8
TOTAL	3.8	30.8	28.3	20.5	12.4	4.4	1.7	.2											846			845
																		845			845	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5163247	65117	77.1	13.116	845							
Dry Bulb	2515037	45837	54.2	6.110	846			3.0	.1			90
Wet Bulb	2152193	42443	50.2	4.910	845							90
Dew Point	1872829	39527	46.8	5.316	845		.9					90

USAFETAC FORM 0 26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JUN — MONTH

PAGE 1 — 2900-1100 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81										.1	.1							2	2		
80/ 79								.2		.2								4	4		
78/ 77							.1	.2	.7		.1							10	10		
76/ 75					.1		.1	.1	.4		.1							7	7		
74/ 73					.2		.8	.5	.6	.5								22	22		
72/ 71				.1	.2	1.1	1.2	1.2	.7	.1								39	39		
70/ 69				.1	.7	.1	2.0	1.1	.2	.1								37	37		
68/ 67				.5	1.9	3.9	2.6	1.8	.6	.4								98	98	3	
66/ 65			.2	.8	2.7	2.6	.7	1.1	.2									71	71	5	
64/ 63			.1	1.7	3.0	2.6	2.7	1.0										93	93	15	3
62/ 61		.4	.7	2.1	1.9	2.7	1.5	.1										80	80	39	3
60/ 59	.1	.4	1.1	1.9	2.7	2.3	1.0	.4										82	82	60	11
58/ 57	.1	.7	1.9	2.6	1.3	2.5	.2	.1										80	80	112	15
56/ 55	.1	1.1	1.9	2.3	1.7	.8	.4											69	69	116	29
54/ 53		1.3	2.3	.6	1.3	.7												52	52	110	45
52/ 51	.1	1.9	1.5	.8	.2	.4												42	42	144	85
50/ 49	.1	.8	1.7	.4	.4													28	28	101	172
48/ 47	.1	1.0	.2	.1														12	12	76	93
46/ 45			.5	.2														6	6	33	116
44/ 43		.5																4	4	13	64
42/ 41		.1																1	1	9	56
40/ 39		.1																1	1	4	46
38/ 37																					48
36/ 35																					25
34/ 33																					12
32/ 31																					17
TOTAL	.7	8.2	12.1	14.3	18.5	19.8	13.5	7.7	3.5	1.4	.4								840		840
																		840		840	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3247471	50523	60.1	15.771	840
Dry Bulb	3208694	51576	61.4	7.069	840
Wet Bulb	2413156	44834	53.4	4.906	840
Dew Point	1849273	39081	46.5	6.081	840

Mean No. of Hours with Temperature

	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb			23.5	4.8	.2		90
Wet Bulb			.3				90
Dew Point		1.8					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PAGE 1 1200-1400 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85										.2	.2	.1						5	6		
84/ 83									.1	.1	.5	.4	.1					12	12		
82/ 81								.1	.2	.5	.4	.7						16	16		
80/ 79						.2	.2	.2	.2	.4	.7							17	17		
78/ 77						.1			.9	1.0	.1							17	17		
76/ 75					.1	.2	.2	.9	1.2	1.0	.6							35	35		
74/ 73						.1	.5	1.7	1.3	1.9	.1							47	47		
72/ 71					.6	.2	.5	2.9	1.2	1.7								59	59		
70/ 69		.1		.1	.5	.4	1.3	1.7	1.6	.9	.1							55	55	4	
68/ 67				.1	.5	2.7	2.4	3.9	1.7	1.2								103	103	7	1
66/ 65			.5	.1	1.0	1.1	1.9	2.3	1.1	.1								67	67	10	2
64/ 63		.1	.1	.5	1.3	2.4	2.4	2.6	.7	.2								86	86	28	2
62/ 61		.1	.6	1.2	.7	2.6	2.4	1.1										72	72	39	5
60/ 59		1.0	1.1	1.9	1.1	1.6	1.5											67	67	84	17
58/ 57	.1	.5	1.3	1.9	.7	.4	.4	.1										45	45	100	14
56/ 55		1.3	.9	1.2	.5	.6	.1											38	38	116	15
54/ 53		1.3	1.3	1.0	.6													35	36	131	37
52/ 51	.1	.7	.7	.7	.2	.4												24	24	119	57
50/ 49		1.6	.2	.1	.1													17	17	98	128
48/ 47		.5	.1															5	5	60	83
46/ 45			.1															1	2	18	126
44/ 43			.2															2	2	5	76
42/ 41																				2	74
40/ 39																				2	51
38/ 37																					42
36/ 35																					35
34/ 33																					29
32/ 31																					24
30/ 29																					3
28/ 27																					1
24/ 23																					1
TOTAL	.2	7.3	7.3	9.0	8.0	13.0	14.0	17.5	10.3	9.2	2.8	1.2	.1					823	826	823	823

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2463371	42495	51.6	8.086	823
Dry Bulb	3553866	53770	65.1	8.061	826
Wet Bulb	2456592	44784	54.4	4.889	823
Dew Point	1727335	37301	45.3	6.685	823

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb			39.8	16.1	3.6		90
Wet Bulb			1.2				90
Dew Point		3.2	.1				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
88/ 87										.1		.1		.1		.1		4	4		
86/ 85									.2	.4	.2	.8	.1					15	15		
84/ 83											.4	.7	.4					12	12		
82/ 81							.2	.1	.4	.7	.2	.4	.4					20	20		
80/ 79							.1	.1		.7	.7	.4						17	17		
78/ 77						.1		.6	.5	1.0	1.2	.1						29	29		
76/ 75					.1		.2		1.2	1.7	1.8	.1						43	43		
74/ 73					.1	.6	.5	1.1	1.7	1.9	.7	.1						56	56		
72/ 71					.2	.1	.6	1.7	1.6	1.3	.7	.1						53	53		
70/ 69					.7	.2	2.0	.5	2.8	.6	.8							64	64	8	
68/ 67				.2	.1	2.0	1.9	4.0	2.3	1.2	.1							99	99	4	
66/ 65				.2	1.3	1.3	1.4	1.4	2.0	.6								70	70	17	
64/ 63			.7	1.1	2.3	1.8	1.9	1.9	.2	.2								85	85	25	2
62/ 61		.1	.2	1.4	1.0	3.2	1.6	.6	.1									69	69	35	7
60/ 59		.4	.8	1.6	1.1	.6	1.0	.5										49	49	86	16
58/ 57		.7	.8	1.3	1.3	1.0	.6	.1										49	49	104	12
56/ 55		1.4	.7	.8	.2	.4	.1											31	31	142	18
54/ 53		.7	1.4	.7	.2	.5												30	30	125	31
52/ 51		.6	.6	.1	.5	.1												16	16	116	60
50/ 49		.7	.6	.1	.1													13	13	95	124
48/ 47	.1	.6	.1	.2														9	9	44	86
46/ 45				.1														1	1	20	106
44/ 43																				8	67
42/ 41																				2	82
40/ 39																				1	66
38/ 37																					45
36/ 35																					42
34/ 33																					29
32/ 31																					29
30/ 29																					5
28/ 27																					5
26/ 25																					2
TOTAL	.1	5.3	6.1	8.0	9.4	12.0	12.2	12.6	12.9	10.4	7.0	2.9	.8	.1		.1		834	834	834	834

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2257966	40660	48.8	8.192	834							
Dry Bulb	3732741	55355	66.4	8.392	834			44.5	21.2	5.6		90
Wet Bulb	2513387	45601	54.7	4.905	834			1.3				90
Dew Point	1708512	37306	44.7	6.909	834		4.4					90

USAFETAC FORM 0-26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PAGE 1 1800-2000 (HOURS LOCAL)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85									.1		.1	.1		.1				4	4		
84/ 83											.2	.1	.1	.1				5	5		
82/ 81								.2	.1		.4	.1	.1					8	8		
80/ 79						.1		.1	.1	.2	.2	.2						9	9		
78/ 77						.1		.2	.7	.1	.6							15	15		
76/ 75					.2	.4		.6	.6	1.3	.5							30	30		
74/ 73					.1	.2	.6	1.6	1.1	1.1	.2							41	41		
72/ 71					.4	.2	.6	1.2	1.5	1.3	.4							46	46		
70/ 69					.4	.1	1.7	1.2	.9	.4	.2							40	41	3	
68/ 67				.5	1.3	2.6	1.7	3.1	1.1	.6	.1							90	90	5	
66/ 65			.1	.5	1.6	1.2	1.7	1.8	1.6	.1								71	71	8	1
64/ 63			.5	1.0	1.6	2.1	3.2	1.5	1.1									89	89	15	5
62/ 61		.1	1.0	2.0	1.7	2.4	1.8	.7	.1									81	81	36	4
60/ 59		.5	1.7	1.2	2.4	1.3	.7	.1										56	67	74	8
58/ 57		1.1	2.4	2.2	2.2	1.7	.4	.4										85	85	95	13
56/ 55		.7	1.7	2.3	.9	.4	.2											51	51	125	23
54/ 53		.5	1.5	1.0	.1	.6												30	30	119	51
52/ 51	.2	.9	.6	.5		.5												22	22	132	66
50/ 49	.4	1.3	.6	.6	.4													27	27	113	135
48/ 47		.9																7	7	53	71
46/ 45		.2																2	2	23	111
44/ 43																				16	84
42/ 41																				2	65
40/ 39																					56
38/ 37																					38
36/ 35																					33
34/ 33																					17
32/ 31																					30
30/ 29																					7
28/ 27																					1
TOTAL	.6	6.2	10.1	11.7	13.3	14.0	12.7	12.8	9.0	5.3	3.1	.6	.2	.2					821		819
																		819		819	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2711148	44740	54.6	18.070	819							
Dry Bulb	3372913	52245	63.6	7.672	821			31.7	12.3	1.9		90
Wet Bulb	2395599	44123	53.9	4.756	819			.9				90
Dew Point	1732484	37268	45.5	6.692	819		4.2					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200	COLD LAKE APT CN	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
78/ 77								.1										1	1		
76/ 75							.1											1	1		
74/ 73							.1	.2										3	3		
72/ 71				.1		.6	.7	.4	.1	.1								17	17		
70/ 69			.1	.2	.2		.8	.1										13	13		
68/ 67			.2	.4	1.1	1.6	1.4	.6										45	45		
66/ 65					1.5	1.2	.4	.4	.1									30	30	4	
64/ 63			.9	1.8	1.4	2.1	.5	.1										58	58	4	4
62/ 61		1.1	1.3	1.9	2.2	1.8	.7	.1										77	77	19	2
60/ 59		1.2	1.8	2.0	2.2	1.3	.2	.1										75	75		5
58/ 57		2.1	2.9	3.2	2.0	1.5	.4											103	103	73	17
56/ 55	.2	2.7	3.2	2.4	3.1	.5	.1											103	103	98	43
54/ 53	.4	2.0	4.2	2.6	1.8	.5												97	97	120	49
52/ 51	.7	2.8	2.4	1.8	.7	.5												75	75	117	79
50/ 49	.4	4.2	4.0	1.4	.6													90	90	130	155
48/ 47	.1	1.9	.9	.6														30	30	126	106
46/ 45	.4	1.1	.8	.2														21	21	59	134
44/ 43	.1	.5	.2	.1														8	8	34	71
42/ 41		.2																2	2	18	69
40/ 39																				6	43
38/ 37																				1	33
36/ 35																					18
34/ 33																					8
32/ 31																					13
TOTAL	2.2	19.8	23.1	18.6	16.8	11.5	5.4	2.1	.2	.1									849		849
																		849		849	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4395553	59711	70.3	5.204	849							
Dry Bulb	2790525	48377	57.0	6.327	849			8.5	.5			90
Wet Bulb	2274231	43749	51.5	4.837	849							90
Dew Point	1886668	39722	46.8	5.767	849		1.4					90

USAFETAC FORM 0 26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PAGE 1 ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87										.0		.0		.0		.0		4	4			
86/ 85									.0	.1	.1	.1	.0	.0				24	25			
84/ 83									.0	.0	.1	.1	.1	.0				27	27			
82/ 81							.0	.1	.1	.2	.1	.1	.1					46	45			
80/ 79						.0	.0	.1	.0	.2	.2	.1						47	47			
78/ 77						.0	.0	.1	.3	.3	.3	.0						72	72			
76/ 75					.1	.1	.1	.2	.4	.5	.4	.0						116	116			
74/ 73					.1	.1	.3	.6	.6	.7	.1	.0						170	170			
72/ 71				.0	.2	.3	.4	.9	.6	.6	.1	.0						217	217			
70/ 69		.0	.0	.1	.3	.1	1.1	.6	.7	.2	.1							219	220	15		
68/ 67			.0	.3	.7	1.8	1.4	1.6	.7	.4	.0							465	465	19		1
66/ 65			.2	.4	1.2	1.0	.8	.9	.6	.1								358	358	44		3
64/ 63		.0	.4	1.0	1.4	1.4	1.4	.9	.3	.1								454	454	91		16
62/ 61		.3	.7	1.5	1.2	1.7	1.0	.3	.0									452	452	184		22
60/ 59	.0	.7	1.5	1.7	1.4	1.0	.5	.1										473	475	389		69
58/ 57	.1	1.1	1.9	2.0	1.2	1.1	.3	.1										516	516	562		89
56/ 55	.2	2.1	2.1	1.8	1.2	.4	.1											523	523	774		182
54/ 53	.2	2.5	2.6	1.5	1.0	.3												544	546	855		324
52/ 51	.3	3.2	1.9	1.3	.4	.2												490	490	959		563
50/ 49	.8	4.5	2.8	.9	.4	.0												525	525	902		1190
48/ 47	.4	2.7	1.2	.4	.1	.0												321	322	765		767
46/ 45	.4	2.1	.7	.2														225	226	459		1002
44/ 43	.1	1.3	.3	.1														120	120	283		568
42/ 41	.2	.9	.1															77	77	183		575
40/ 39	.1	.4	.1															46	46	112		419
38/ 37	.2	.2	.0															31	31	55		349
36/ 35	.1	.1	.0															17	17	20		236
34/ 33	.0	.1																7	7	15		131
32/ 31																						148
30/ 29																						19
28/ 27																						9
26/ 25																						3
24/ 23																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	JUN

PAGE 2 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet B. + Dew Point
TOTAL	7.2	22.2	16.7	13.0	11.2	9.7	7.5	6.6	4.5	3.3	1.6	.6	.1	.2		.2		6696	6694	6686

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	32011901	442223	66.12	0.329	6686							
Dry Bulb	23485897	391613	58.5	9.275	6694			151.6	54.5	11.2		720
Wet Bulb	18044789	345283	51.6	5.651	6686			3.7				720
Dew Point	14232179	305727	45.7	6.144	6686		19.4	.1				720

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 0000-0200

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71			.1			.1												2	2		
70/ 69			.3	.1	.3		.1											8	8	1	
68/ 67		.1	.6	.1	.6	.5												16	16	1	1
66/ 65		.5	1.1	1.0	.3	.1												27	27	5	2
64/ 63	.2	2.4	1.7	2.8	.2		.1											66	66	21	13
62/ 61	.3	2.8	3.3	1.5	.2	.1												73	73	31	25
60/ 59	.6	7.0	4.4	1.5	.3													122	122	69	28
58/ 57	.8	6.7	4.3	1.4														116	116	148	74
56/ 55	1.0	7.0	4.3	1.0	.3													121	121	132	159
54/ 53	.8	6.6	3.4	1.6	.1													112	112	133	122
52/ 51	1.2	5.7	3.2	.6														94	94	118	124
50/ 49	1.0	7.0	2.4	.1	.1													94	94	103	175
48/ 47		2.0	.2															20	20	75	82
46/ 45	.3	.7																9	9	35	67
44/ 43	.1	.1																2	2	9	41
42/ 41		.1																1	1	1	12
40/ 39																				1	7
38/ 37																					1
TOTAL	6.5	45.9	29.3	11.7	2.6	.8	.2												883		863
																		883		883	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6399636	74692	84.6	9.614	883							
Dry Bulb	2841258	49890	56.5	5.045	883			2.7				93
Wet Bulb	2580592	47562	53.9	4.605	883			.2				93
Dew Point	2391072	45742	51.8	4.937	883			.1				93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITION OF THIS FORM IS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	JUL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69				.1														1	1			
68/ 67		.1	.2															3	3			
66/ 65					.2													2	2	1	1	
64/ 63	.3	1.6	.6	1.2														31	31	7	4	
62/ 61	.3	2.9	2.1	.8	.1													56	56	21	16	
60/ 59	.9	3.7	2.3	.5	.2	.2												69	69	36	29	
58/ 57	1.9	8.0	1.7	.8	.1													111	111	105	47	
56/ 55	2.0	8.5	3.1	.1														121	121	132	92	
54/ 53	2.2	9.0	2.8	.8	.1													131	131	123	122	
52/ 51	1.6	9.9	2.1	.2														123	124	132	107	
50/ 49	2.4	8.6	2.4	.5														122	122	126	192	
48/ 47	.9	4.9	.7															57	57	87	89	
46/ 45	.3	3.8																37	37	54	64	
44/ 43	.7	1.0																15	16	36	56	
42/ 41	.2	.1																3	3	11	23	
40/ 39	.1	.1																2	2	3	16	
38/ 37	.1																	1	1	1	5	
TOTAL	13.9	62.4	18.0	4.7	.8	.2													887			885
																		885		885		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7016402	78452	88.6	8.369	885							
Dry Bulb	2633577	47855	54.0	4.952	887			.4				.93
Wet Bulb	2424925	46135	52.1	4.746	885							.93
Dew Point	2292656	44824	50.6	5.032	885							.93

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 2600-2900

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION F																				
72/ 71			.1	.2	.1	.1												5	5		
70/ 69			.5	.2	.2	.2												10	10	1	
68/ 67			.7	.3	2.1	.3	.1											31	31	2	1
66/ 65		.9	1.7	1.5	.7	.3												41	41	8	2
64/ 63		2.2	3.1	3.9	1.4	.1												93	93	13	13
62/ 61	.2	3.2	3.7	2.1	1.2	.2												91	91	52	23
60/ 59	.3	5.6	4.3	3.1	.9	.1												125	125	97	41
58/ 57	.8	6.8	5.2	.9	.5	.3												126	126	145	60
56/ 55	.5	6.2	4.4	1.4	.7													111	111	147	128
54/ 53	.7	6.3	3.6	.7														95	95	140	126
52/ 51	1.2	4.6	2.1	.2	.1													70	70	121	137
50/ 49	1.3	3.6	1.2	.2	.1													54	54	86	174
48/ 47	.1	1.2	.1	.1														12	12	46	64
46/ 45	.2	.2	.1															5	5	16	72
44/ 43		.1																1	1	2	13
42/ 41																				4	8
40/ 39																					6
38/ 37																					1
36/ 35																					1
34/ 33																					1
32/ 31																					1
TOTAL	5.2	40.0	30.5	14.9	7.5	1.8	.1												870		870
																		870		870	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5933529	71215	81.9	10.947	870							
Dry Bulb	2939157	50379	57.9	5.016	870			4.9				93
Wet Bulb	2619705	47591	54.7	4.340	870			.3				93
Dew Point	2391026	45420	52.2	4.772	870		.1	.1				93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

712020 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 — 0900-1100

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83								.1										1	1		
82/ 81						.3		.1	.1	.1								6	6		
80/ 79						.2	.4	.1	.1	.1								10	10		
78/ 77				.1	.1	.6	.5	.3	.3									17	17		
76/ 75				.2	.5	.3	1.1	.6	.5		.2		.1					31	31		
74/ 73			.1	.3	.3	1.6	2.1	.7		.1	.1							47	47		
72/ 71				.3	.7	2.1	2.3	.8	.9	.2								58	58	5	
70/ 69			.8	.9	2.9	2.6	2.4	.9	.1									93	93	7	
68/ 67		.1	.6	2.3	5.2	5.2	1.8	.3										135	135	20	7
66/ 65		.3	1.4	3.0	3.8	1.3	1.0	.6										99	99	39	6
64/ 63		1.6	1.4	3.0	2.6	2.1	.8	.2										102	102	69	23
62/ 61		1.6	2.9	1.7	2.4	1.1	.2											87	87	128	28
60/ 59	.2	1.3	2.5	2.2	.7	.2	.2											64	64	151	56
58/ 57		1.9	1.3	1.9	.1	.7												51	51	163	90
56/ 55	.1	0.1	1.0	.9	.2													36	38	116	106
54/ 53	.1	1.2	.6	.1	.1													24	24	96	129
52/ 51		.6	.1			.1												7	7	55	122
50/ 49		.1			.2													3	3	26	143
48/ 47																				5	63
46/ 45																					47
44/ 43																				1	15
42/ 41																				2	14
40/ 39																					14
38/ 37																					3
36/ 35																					2
34/ 33																					1
32/ 31																					4
TOTAL	.5	11.3	12.6	17.1	19.9	18.4	13.1	4.8	1.4	.6	.3		.1					873	873		873
																		873		873	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3867518	507302	65.0	14.553	873							
Dry Bulb	3779743	57187	65.5	6.211	873			42.4	11.9	.9		93
Wet Bulb	2970281	50773	58.2	4.462	873			3.4				93
Dew Point	2455529	46341	52.7	5.604	873		.4	.7				93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE ART CN — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 87									.1	.2	.1							4	4			
86/ 85								.1	.5			.1						6	6			
84/ 83								.5	.7	.3		.3						16	16			
82/ 81						.1	.6	.8	1.4	.6	.1	.2						33	33			
80/ 79								1.3	1.9	.7	.5	.1						38	38			
78/ 77						.3	1.3	2.1	2.1	.3								53	53			
76/ 75				.1	.7	.7	2.1	1.3	2.6	.8	.3							72	72			
74/ 73				.3	.5	.9	2.3	2.6	1.5	.5								74	74			
72/ 71				.5	.5	1.2	2.4	3.5	2.3	.2	.1							92	92	4		
70/ 69			.5	.2	1.3	1.5	3.6	1.9	.5	.2								83	83	18		
68/ 67			.8	1.0	2.7	4.2	2.6	2.3	.6									122	122	29		
66/ 65		.1	1.2	.9	1.3	1.7	1.7	.9										68	68	53		8
64/ 63		.7	1.6	1.2	.8	1.7	.7	.2										60	60	87		26
62/ 61		.5	.8	1.7	.8	.9	.7											50	50	126		33
60/ 59		.7	1.5	.7	.9	.2												34	34	157		52
58/ 57	.1	1.3	.7	.5	.2	.3												27	27	142		59
56/ 55	.1	.8	.2	.2		.1	.1											14	14	97		88
54/ 53	.1	.8	.1	.2	.1													12	12	79		99
52/ 51		.3																3	3	38		110
50/ 49																				16		135
48/ 47																				3		89
46/ 45																				2		74
44/ 43																						36
42/ 41																						19
40/ 39																						14
38/ 37																						12
36/ 35																						5
34/ 33																						1
32/ 31																						1
TOTAL	.3	5.6	7.4	7.7	9.6	14.1	18.1	17.2	14.1	3.9	1.2	.8							861			861
																		861			861	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2788152	47130	54.7	15.564	861							
Dry Bulb	4219265	59967	69.6	7.045	861			64.1	32.0	6.5		93
Wet Bulb	3333529	50955	59.2	4.569	861			5.5				93
Dew Point	2325538	44446	51.6	6.021	861		.1					93

USAFETAC FORM 0 26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PAGE 1 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87									.1	.1	.1								3		3		
86/ 85							.1	.2	1.0	.5	.6		.3						24		24		
84/ 83							.1		.5	.3	.1	.2							11		11		
82/ 81						.3		1.2	1.2	1.5	.8	.3							48		48		
80/ 79						.5	.2	1.0	3.2	1.1	.7								59		59		
78/ 77						.5	.6	1.5	2.2	.8	.1								49		49		
76/ 75					.3	.8	1.7	2.3	1.2	1.0	.2								67		67		
74/ 73				.2	.5	1.5	2.6	3.5	2.2	1.0	.3								104		104	2	
72/ 71				.5	.9	1.0	1.4	3.1	1.9	.8									84		84	10	
70/ 69			.2	.5	1.0	.6	3.0	2.8	1.5	.3									87		87	19	
68/ 67			.8	.7	1.8	2.4	3.0	2.3	.2										98		98	28	5
66/ 65			.9	1.5	1.0	1.7	1.1	1.0	.2										66		66	65	5
64/ 63		1.0	2.7	1.4	1.0	1.6	.7	.5											78		78	103	28
62/ 61		.3	.3	1.0	.5	1.4	.1												32		32	130	38
60/ 59	.1	.8	1.1	.3	.2	.2	.2												27		27	156	47
58/ 57		.7	.3	.8	.1		.1												18		18	127	68
56/ 55		.6	.3	.1	.1														10		10	114	73
54/ 53	.3	.5	.6	.1															13		13	71	97
52/ 51			.1																1		1	39	68
50/ 49		.1																	1		1	12	146
48/ 47																						4	95
46/ 45																							79
44/ 43																							37
42/ 41																							38
40/ 39																							15
38/ 37																							9
36/ 35																							8
34/ 33																							4
CTL	.5	4.0	7.5	7.0	7.5	12.4	14.9	19.4	15.5	7.5	3.0	.6	.3							880			880
																			880			880	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2644109	46093	52.4	16.170	880							
Dry Bulb	4447549	62239	70.7	7.205	880			67.0	38.6	9.7		93
Wet Bulb	3131833	52338	59.5	4.654	880			6.2	.2			93
Dew Point	2349272	45120	51.3	6.386	880			.5				93

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.1200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 1600-2000 — HOUR

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85											.1	.1						2	2		
84/ 83						.2	.2	.1	.3		.1							9	9		
82/ 81						.2	.2	.7	.3	.6	.2	.1						21	21		
80/ 79					.2	.3	.5	.8	.7	.5	.1							27	27		
78/ 77					.1	.8	.6	.9	1.3	.5								36	36		
76/ 75					.6	.6	1.4	1.3	.6	.7								44	44		
74/ 73				.2	1.0	1.7	2.6	2.0	.8	.2								74	74	2	
72/ 71				.3	1.2	2.3	1.7	2.2	1.0	.3								79	79	7	
70/ 69			.1	1.0	1.6	1.0	4.4	1.5	1.0	.1								94	94	8	1
68/ 67			.9	1.7	2.8	3.4	3.7	2.0	.3									128	128	27	4
66/ 65		.2	1.6	1.0	1.6	2.2	1.4	.9	.2									80	80	52	8
64/ 63		1.4	2.3	1.5	2.0	1.9	.8	.2										87	87	83	20
62/ 61	.1	1.2	1.6	1.5	1.4	1.5	.1	.3										67	67	122	53
60/ 59		.6	2.1	.9	.8	.2	.1											43	43	149	52
58/ 57		1.5	.9	.7	.5	.1	.3											35	35	129	68
56/ 55		.6	.9	.8														20	20	132	90
54/ 53		.7	.5															10	10	72	92
52/ 51		.1	.2															3	3	52	102
50/ 49			.2															2	2	17	139
48/ 47																				9	78
46/ 45																					69
44/ 43																					43
42/ 41																					19
40/ 39																					7
38/ 37																					7
36/ 35																					5
34/ 33																					4
TOTAL	.1	6.5	11.5	9.9	13.8	16.6	18.1	13.0	6.7	2.9	.6	.2							961		861
																		861		861	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3173046	50536	58.7	15.509	861							
Dry Bulb	4017188	58530	68.0	6.680	861			55.5	23.0	3.7		93
Wet Bulb	2992304	50600	58.8	4.650	861			4.8	.2			93
Dew Point	2366809	44831	52.1	6.150	861			.5				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 — 2100-2300 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77				.1														1	1		
76/ 75				.2	.2		.1											5	5		
74/ 73				.2	.5	.5	.1	.1										12	12		
72/ 71				.7	.5	.5	.3	.2										19	19	1	
70/ 69			.6	1.2	1.6	.6	.6											40	40	3	
68/ 67			1.2	2.6	3.3	2.3	.7											86	86	9	3
66/ 65		.3	2.5	3.3	2.3	.9	.1											83	83	20	5
64/ 63	.1	2.4	4.6	4.4	2.6	.6	.2											132	132	39	22
62/ 61		3.0	3.8	3.0	2.5	.3												113	113	92	28
60/ 59	.5	2.4	3.4	4.1	.8	.3	.1											102	102	137	72
58/ 57	.1	3.7	3.0	2.0	.9	.2												89	89	141	75
56/ 55	.1	3.4	3.2	2.6	.8	.1												90	90	135	107
54/ 53	.5	2.7	2.5	.8	.1													58	58	121	131
52/ 51	.6	2.0	1.5	.6	.2													43	43	96	115
50/ 49		1.0	.6															14	14	56	169
48/ 47																				33	68
46/ 45	.1																	1	1	5	58
44/ 43																					18
42/ 41																					10
40/ 39																					3
38/ 37																					3
36/ 35																					1
TOTAL	1.9	20.9	26.8	25.8	16.1	6.2	1.9	.3										888	888	888	888

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	5117937	66583	75.0	11.894	888
Dry Bulb	3341695	54255	61.1	5.499	888
Wet Bulb	2841768	50072	56.4	4.547	888
Dew Point	2499022	46888	52.8	5.120	888

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			17.1	1.9			93
Wet Bulb			1.4				93
Dew Point			.3				93

USAFETAC FORM JUN 71 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PAGE 1 ALL (HOUR)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
88/ 87									.0	.0	.0							7	7		
86/ 85							.0	.0	.2	.1	.1	.0	.0					32	32		
84/ 83						.0	.0	.1	.2	.1	.0	.1						37	37		
82/ 81						.1	.1	.4	.4	.3	.1	.1						108	108		
80/ 79					.0	.1	.2	.4	.7	.3	.2	.0						134	134		
78/ 77				.0	.0	.3	.4	.6	.7	.2	.0							156	156		
76/ 75				.1	.3	.3	.8	.6	.6	.3	.1		.0					219	219		
74/ 73			.0	.2	.3	.8	1.2	1.1	.6	.2	.1							311	311	4	
72/ 71			.0	.3	.5	.9	1.0	1.2	.7	.2	.0							339	339	27	
70/ 69			.4	.5	1.1	.8	1.7	.9	.4	.1								416	416	57	1
68/ 67		.0	.7	1.1	2.3	2.3	1.4	.9	.1									619	619	116	21
66/ 65		.2	1.3	1.5	1.4	1.0	.7	.4	.1									466	466	243	37
64/ 63	.1	1.7	2.3	2.4	1.3	1.0	.4	.1										649	649	422	149
62/ 61	.1	2.0	2.3	1.7	1.1	.7	.1	.0										569	569	702	246
60/ 59	.3	2.8	2.7	1.7	.6	.2	.1											586	586	942	377
58/ 57	.5	3.8	2.2	1.1	.3	.2	.1											573	573	1100	541
56/ 55	.5	3.7	2.2	.9	.2	.0	.0											525	525	1005	793
54/ 53	.6	3.6	1.8	.5	.1													455	455	635	918
52/ 51	.6	2.9	1.2	.2	.0	.0												344	345	651	905
50/ 49	.6	2.6	.8	.1	.1													290	290	442	1273
48/ 47	.1	1.0	.1	.0														89	89	262	628
46/ 45	.1	.6	.0															52	52	122	548
44/ 43	.1	.2																18	19	48	259
42/ 41	.0	.0																4	4	18	143
40/ 39	.0	.0																2	2	4	82
38/ 37	.0																	1	1	1	40
36/ 35																					23
34/ 33																					11
32/ 31																					6
TOTAL	3.6	25.1	18.0	12.4	9.7	8.8	8.2	6.8	4.7	1.9	.6	.2	.1						7003		7001
																		7001		7001	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36940329	491403	70.2	18.703	7001							
Dry Bulb	28189432	440302	62.9	8.502	7003			252.6	106.7	20.6		744
Wet Bulb	22594942	396026	56.6	5.250	7001			21.7	.4			744
Dew Point	19070924	363312	51.9	5.569	7001		.6	2.3				744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PAGE 1 0000-0200 (HOURS LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
74/ 73								.1										1	1		
72/ 71								.1										1	1		
70/ 69							.4											4	4		
68/ 67				.4	.3	.3	.2											12	12		
66/ 65		.1	.7	.4	.2			.1	.1									15	15		
64/ 63	.1	1.3	1.2	1.1	.1													35	35	2	2
62/ 61	.2	3.1	1.8	1.5	.2													61	61	32	8
60/ 59	.2	3.7	2.2	1.0	.1													65	65	51	31
58/ 57	.9	4.0	2.1	.4														67	67	89	55
56/ 55	1.1	4.2	2.6	1.0														80	80	83	74
54/ 53	1.7	5.5	3.1	.4														96	96	97	67
52/ 51	2.6	6.9	3.5	.6														121	121	116	96
50/ 49	2.8	8.6	3.1	.1														131	131	120	176
48/ 47	.9	5.4	1.6		.1													71	71	94	100
46/ 45	.7	4.0	.8	.1														50	51	73	103
44/ 43	.6	1.9		.1														23	23	51	56
42/ 41	.4	1.7	.4															23	23	27	41
40/ 39		1.6	.6															19	19	23	21
38/ 37	.2	1.6	.1															17	17	23	24
36/ 35		.3	.1															4	4	12	15
34/ 33																				2	15
32/ 31																				1	11
26/ 25																					1
TOTAL	12.4	53.9	23.9	7.3	1.1	.3	.7	.3	.1										897		896
																		896		896	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6775066	77406	86.4	9.911	896							
Dry Bulb	2549489	47443	52.9	6.698	897			1.9	.1			93
Wet Bulb	2334227	45407	50.7	6.083	896		.1					93
Dew Point	2170678	43738	48.8	6.309	896		1.2					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-8 (YEARS) AUG (MONTH)

PAGE 1 0300-0500 (HOURS)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
70/ 69							.1											1	1		
68/ 67						.2												2	2		
66/ 65				.2	.1													3	3		
64/ 63		.9	.6	.7	.2													21	21		
62/ 61	.1	2.0	.6	.6	.1													30	30	12	2
60/ 59	.2	2.6	.8	1.3														45	45	29	20
58/ 57	1.0	4.7	2.1	.8	.1													79	79	61	40
56/ 55	2.2	4.2	2.0	.2														78	78	76	63
54/ 53	1.7	4.9	1.1	.4														73	73	92	60
52/ 51	3.3	6.6	1.9	.1														108	108	112	93
50/ 49	4.7	9.1	3.1															153	153	113	175
48/ 47	2.1	7.0	1.5															96	96	110	92
46/ 45	2.0	6.5	.6															82	82	112	131
44/ 43	1.0	2.8	.1															35	35	66	72
42/ 41	1.2	2.4	.2															35	35	38	46
40/ 39	.4	2.0	.6															27	27	32	32
38/ 37	.3	1.9																20	20	30	27
36/ 35		.4																4	5	13	21
34/ 33	.1	1.0																10	10	9	9
32/ 31	.1	.2	.1															4	4	2	20
30/ 29																				3	
28/ 27																					2
26/ 25																					1
TOTAL	20.5	59.2	15.1	4.3	.6	.2	.1												907		906
																		906		906	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7343229	81197	89.6	8.555	906							
Dry Bulb	2363710	45918	50.6	6.566	907		.4	.3				93
Wet Bulb	2211926	44418	49.0	6.153	906		.5					93
Dew Point	2092705	43169	47.6	6.289	906		2.4					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
71200	COLD LAKE APT CN	73-82	AUG

PAGE 1 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71							.1											1	1		
70/ 69					.1													1	1		
68/ 67			.2	.4	.7	.1												13	13		
66/ 65			.4	1.1	.2	.1												17	17		
64/ 63		.6	1.7	1.5		.1												34	34	3	
62/ 61	.1	1.6	1.9	.9	.6	.1												46	46	22	6
60/ 59	.4	4.0	2.1	1.2	.3													73	73	49	22
58/ 57	.4	3.9	2.5	.9	.1													70	70	86	47
56/ 55	1.6	4.6	2.9	.4	.1													86	86	76	82
54/ 53	1.5	6.6	3.3	1.0														110	110	113	70
52/ 51	2.0	6.0	2.6	.8														101	101	128	112
50/ 49	3.2	7.9	3.4	.1														121	122	97	168
48/ 47	.6	6.1	1.8															75	75	87	80
46/ 45	1.3	4.3	.9															58	58	92	111
44/ 43	.3	2.4	.2	.1														27	27	51	64
42/ 41	.3	2.1	.2															24	24	31	36
40/ 39	.3	.8	.6															15	15	24	41
38/ 37	.1	.4	.1															6	6	16	17
36/ 35	.1	.3																4	4	4	12
34/ 33		.3	.1															4	4	5	7
32/ 31	.1	.2																3	3	4	9
30/ 29																				1	3
28/ 27																					2
TOTAL	11.6	52.2	25.0	8.5	2.1	.4	.1												890		889
																		889		889	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6676347	76575	86.1	9.520	889							
Dry Bulb	2518956	46980	52.8	6.627	890		.3	1.6				93
Wet Bulb	2301959	44923	50.5	5.994	889		.5					93
Dew Point	2137970	43256	48.7	6.121	889		1.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	AUG

PAGE 1 HOURS 0900-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81									.1	.1								2	2			
80/ 79								.6	.1	.2								8	8			
78/ 77						.2	.1	.3	.6									11	11			
76/ 75					.2	.8	.3	.3										19	19			
74/ 73					.4	1.0	.7	.4										23	23			
72/ 71				.3	.8	.8	.7	.2										25	25			
70/ 69			.2	.6	2.7	.8	.7		.1									45	45			
68/ 67		.1	.4	1.2	3.3	2.1	.9	.3										76	76	6		
66/ 65			1.6	2.0	3.6	1.2	.3	.2										80	80	35		1
64/ 63		.8	1.1	2.4	2.6	1.4	.6											80	80	51		9
62/ 61		1.2	1.9	3.6	1.8	.8	.1											84	84	64		25
60/ 59	.1	1.1	2.3	2.3	1.1	.4	.1											68	69	94		43
58/ 57	.3	2.7	1.7	2.9	1.6	.6												87	87	110		61
56/ 55	.4	2.6	2.6	2.4	1.4	.6												90	90	123		86
54/ 53	.3	2.6	2.6	1.2	.9	.3												71	71	110		108
52/ 51	.2	1.9	1.2	1.4	.4													47	47	105		102
50/ 49		1.3	1.7	1.1	.4													41	41	65		153
48/ 47		.6	.9	.8	.2													22	22	53		85
46/ 45	.1	.8	.4	.1	.1													14	14	34		73
44/ 43		.3	.1															4	4	26		43
42/ 41				.2														2	2	14		42
40/ 39																				4		20
38/ 37				.1														1	1	1		22
36/ 35																				2		10
34/ 33																						8
32/ 31																				1		5
30/ 29																						1
28/ 27																						1
26/ 25																						1
24/ 23																						1
TOTAL	1.6	15.9	18.7	22.8	21.6	11.0	4.9	2.4	.9	.3									901			900
																		900		900		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	4548480	62740	69.7	13.944	900
Dry Bulb	3366034	54640	60.6	7.635	901
Wet Bulb	2732180	49298	54.8	5.953	900
Dew Point	2302443	45143	50.2	6.512	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			21.6	6.5	.2		93
Wet Bulb		.1	.6				93
Dew Point		.9					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 — 1200-1400 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87											.1							1	1			
86/ 85										.3	.7	.6						14	14			
84/ 83							.1	.1	.3	.3	.5							12	12			
82/ 81								.3	.7	1.1	.2	.1						22	22			
80/ 79						.3	.2	.7	.7	.9	.1							26	26			
78/ 77					.2	.7	1.4	.7	.7	.3								35	35			
76/ 75						.6	.9	.8	.7									26	26			
74/ 73						.8	1.9	1.1		.2								36	36			
72/ 71				.5	.5	1.2	1.5	1.5	.8	.1								53	53	1		
70/ 69			.1	.2	1.2	.8	3.5	1.7	.2									69	69	8		
68/ 67			.5	1.2	2.9	4.8	2.9	1.4										121	121	22		1
66/ 65		.1	.6	1.1	1.2	2.8	1.9	.5	.2									75	75	45		4
64/ 63		.1	.8	.9	2.4	2.2	1.2	.2	.1									70	70	65		9
62/ 61		1.5	.5	.9	1.0	1.8	.6	.1										56	56	82		20
60/ 59		.5	.9	2.2	1.2	1.7	.6	.3										66	70	124		46
58/ 57	.3	1.1	.9	1.4	.8	1.4	.6											57	57	111		49
56/ 55	.3	1.7	.8	.5	1.1	.6	.1											45	45	115		71
54/ 53	.1	1.2	.8	.1	.9	.6												33	33	86		72
52/ 51	.1	.5	.7	.5	.9													24	24	79		101
50/ 49	.2	.5	.6	.5	.6	.2												22	22	43		175
48/ 47		.9	.3	.1	.2													14	14	47		73
46/ 45		.1	.2															3	3	26		83
44/ 43		.1																1	1	19		52
42/ 41																				7		37
40/ 39																				1		24
38/ 37																						24
36/ 35																						21
34/ 33																						13
32/ 31																						10
30/ 29																						3
TOTAL	1.1	8.6	7.6	10.1	15.3	20.4	17.4	9.4	4.4	3.4	1.6	.7							985			883
																		883		883		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3235290	51558	58.4	15.966	883							
Dry Bulb	3851727	57877	65.4	8.686	885			43.6	18.1	5.3		93
Wet Bulb	2842401	49819	56.4	5.986	883			3.3				93
Dew Point	2200485	43665	49.5	6.836	883		1.4	.1				93

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
71120	COLD LAKE APT CN	73-82	AUG

PAGE 1 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91														.1				1	1		
90/ 89												.1	.1					2	2		
88/ 87													.6					5	5		
86/ 85										.5	.3	.4						12	12		
84/ 83								.3	.2	.4	.8	.2						17	17		
82/ 81								.7	.7	.6	.7	.1						24	24		
80/ 79							.3	1.3	1.7	.4	.6							33	33		
78/ 77					.1	.6	.9	.6	.6	.8		.1						32	32		
76/ 75					.1	.7	.4	1.5	.4	.3	.1							32	32		
74/ 73				.3	.2	.7	1.2	2.6	.7	.2								53	53		
72/ 71				.1	.4	1.1	1.3	2.7	.9	.2								60	60		
70/ 69			.4	.4	.9	1.0	3.2	1.5	.3									68	68	6	
68/ 67			.2	1.7	1.7	4.4	2.3	3.1										120	120	26	
66/ 65			1.0	.4	.4	1.6	1.1	1.1	.3									54	54	52	4
64/ 63		.3	.6	1.2	1.3	1.1	1.7	.4										60	60	61	9
62/ 61		.9	.7	.8	1.7	1.7	.9	.2										61	61	97	31
60/ 59	.3	.3	.9	2.6	1.1	1.1	.7	.2										65	65	110	37
58/ 57	.4	1.5	1.8	.7	.9	1.5	.1											61	61	131	44
56/ 55	.4	1.1	1.5	.7	.8	1.3												52	52	100	67
54/ 53		.7	.4	.6	.3	.4												22	22	92	70
52/ 51		.7	.8	.8	1.1	.4												34	34	66	92
50/ 49		.2	.4	.4	.8													17	17	57	175
48/ 47		.4	.6															9	9	39	76
46/ 45																				29	90
44/ 43		.1																1	1	21	45
42/ 41																				6	45
40/ 39																					33
38/ 37																					32
36/ 35																					16
34/ 33																					19
32/ 31																					8
30/ 29																					2
TOTAL	1.2	6.3	9.3	10.7	12.0	17.5	14.1	15.8	5.4	3.6	2.5	1.0	.7	.1				895	895	895	895

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3097869	50489	56.4	16.711	895							
Dry Bulb	3994048	59252	66.2	8.935	895			47.7	21.9	6.3		93
Wet Bulb	2894894	50622	56.6	5.952	895			3.3				93
Dew Point	2198957	43923	49.1	6.967	895		1.0					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200	COLD LAKE APT CN	73-82	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1800-2200

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8 / 89														.1				1		1		
86/ 85											.1	.2						3		3		
84/ 83									.1	.3	.3							7		7		
82/ 81							.1	.1	.1	.7	.2							11		11		
80/ 79						.1	.1	.7		.1								9		9		
78/ 77						.6	.8	.5	1.0	.1								26		26		
76/ 75				.1	.3	.1	1.3	.5	.2	.2	.1							25		25		
74/ 73				.5	.6	1.0	1.0	.6	.5									36		36		
72/ 71				.3	.8	1.0	1.0	.9	.3									39		39		
70/ 69			.3	.6	1.0	.9	1.8	.2	.5									47		47	4	
68/ 67			.7	1.4	2.4	3.4	1.6	.7										89		89	16	1
66/ 65			.7	2.2	1.7	1.8	.9	.2										66		66	40	4
64/ 63		.2	1.5	2.2	2.3	.9	.7	.2										70		70	57	13
62/ 61		1.3	1.7	2.2	1.6	1.0	.2											70		70	59	23
60/ 59	.2	1.7	1.6	2.0	1.7	.9	.2											74		75	109	36
58/ 57	.5	1.6	2.2	1.9	.9	1	.3											74		74	120	63
56/ 55	.7	2.2	1.8	1.9	1.0													73		73	120	66
54/ 53	.2	1.6	1.8	1.3	.9	.6												56		56	95	86
52/ 51	.1	1.5	1.1	.8	.8	.2												40		40	92	93
50/ 49		.6	1.1	1.4	.8													34		34	64	156
48/ 47	.1	.8	.5	.2	.1													16		16	41	66
46/ 45		.3	.6	.3														11		11	37	61
44/ 43		.2																2		2	26	45
42/ 41																					14	32
40/ 39																					3	29
38/ 37																						32
36/ 35																						12
34/ 33																						13
32/ 31																						7
30/ 29																						1
TOTAL	1.8	11.9	15.7	19.2	16.8	14.4	10.1	4.6	2.7	1.5	.8	.2		.1						880		879
																		879			879	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3961454	57308	65.2	16.014	879							
Dry Bulb	3510305	55077	62.6	8.478	880			31.0	12.5	2.4		93
Wet Bulb	2738891	48771	55.5	6.117	879			2.1				93
Dew Point	2228289	43849	49.9	6.823	879		.8	.1				93

USAFETAC FORM 0-26 3 JUN 71 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
712JJ	COLD LAKE APT CN	73-82	AUG

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77								.1										1		1		
76/ 75								.1										1		1		
74/ 73						.2	.3	.3										8		8		
72/ 71			.1	.3	.4	.1	.6											14		14		
70/ 69			.3	.1	.3	.2	.4											18		18		
68/ 67			.9	1.6	1.8	.8												45		45	2	
66/ 65		.3	1.8	.8	.8	.1	.1											35		35	7	2
64/ 63		1.8	2.0	2.3	.6	.6												65		65	29	7
62/ 61		1.6	2.2	2.7	.5	.3												60		60	53	27
60/ 59	.6	3.3	3.0	2.4	.6													89		91	66	38
58/ 57	.9	2.8	3.0	2.3	.4													85		85	98	61
56/ 55	1.2	2.8	3.3	1.7	.3													84		84	94	77
54/ 53	1.4	3.9	3.6	1.2	.3	.1												95		95	123	85
52/ 51	1.8	4.7	3.3	1.2	.1													100		101	102	125
50/ 49	.7	5.1	3.4	.9		.1												92		92	94	144
48/ 47		1.1	2.0	.2														30		30	82	84
46/ 45	.3	2.0	.8	.6														33		33	44	87
44/ 43	.1	.8	.8	.2														17		17	36	43
42/ 41		1.3	.3															15		15	17	34
40/ 39		1.0	.1															10		10	27	26
38/ 37		.2																2		2	12	28
36/ 35																					1	14
34/ 33																						13
32/ 31																						3
30/ 29																						1
TOTAL	7.0	32.7	31.0	17.9	6.8	2.6	1.4	.6											902			899
																		899			899	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥90 F
Rel. Hum.	5866490	71846	79.9	1.879	899						
Dry Bulb	2902277	50747	56.3	7.240	902			9.0	1.0		
Wet Bulb	2534144	47404	52.7	6.202	899			.2			
Dew Point	2273312	44828	49.9	6.505	899		.4				

USAFETAC FORM 0-26-3 OL-A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A128 121 COLD LAKE AIRPORT CANADA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

5/5

UNCLASSIFIED USAFETAC/DS-83/007 SBI-AD-E850 371 F/G 4/2 NL

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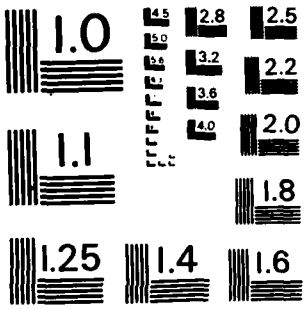


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PAGE 1 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91														.0				1	1		
90/ 89												.0	.0	.0				3	3		
88/ 87											.0		.1					6	6		
86/ 85										.1	.1	.2						29	29		
84/ 83							.0	.0	.1	.1	.2	.0						36	36		
82/ 81							.0	.1	.2	.3	.1	.0						59	59		
80/ 79						.1	.1	.4	.3	.2	.1							76	76		
78/ 77					.0	.3	.4	.3	.3	.2		.0						105	105		
76/ 75				.0	.1	.3	.4	.4	.2	.1	.0							103	103		
74/ 73				.1	.2	.5	.6	.6	.1	.1								157	157		
72/ 71			.0	.2	.4	.5	.6	.7	.2	.0								193	193	1	
70/ 69			.2	.2	.9	.5	1.2	.4	.1									253	253	18	
68/ 67		.0	.4	1.0	1.6	2.0	1.0	.7										478	478	72	2
66/ 65		.1	.8	1.0	1.0	1.0	.5	.3	.1									345	345	179	15
64/ 63	.0	.8	1.2	1.5	1.2	.8	.5	.1	.0									435	435	268	49
62/ 61	.1	1.6	1.4	1.5	.9	.7	.2	.0										468	468	431	142
60/ 59	.3	2.2	1.7	1.9	.8	.5	.2	.1										547	553	632	273
58/ 57	.6	2.8	2.0	1.4	.6	.6	.1											580	580	806	420
56/ 55	1.0	2.9	2.2	1.1	.6	.4	.0											588	588	789	606
54/ 53	.9	3.4	2.1	.8	.4	.3												556	556	798	618
52/ 51	1.3	3.6	1.9	.8	.4	.1												575	576	792	814
50/ 49	1.3	4.2	2.1	.6	.3	.0												611	612	653	1323
48/ 47	.5	2.8	1.2	.2	.1													333	333	553	653
46/ 45	.6	2.3	.5	.1	.0													251	252	447	759
44/ 43	.3	1.1	.2	.1														110	110	296	420
42/ 41	.3	1.0	.2	.0														99	99	154	313
40/ 39	.1	.7	.2															71	71	116	226
38/ 37	.1	.5	.0	.0														46	46	82	206
36/ 35	.0	.1	.0															12	13	32	121
34/ 33	.0	.2	.0															14	14	16	94
32/ 31	.0	.1	.0															7	7	8	73
30/ 29																				4	8
28/ 27																					8
26/ 25																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PAGE 2 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					1
TOTAL	7.2	30.2	18.3	12.6	9.5	8.3	6.1	4.1	1.7	1.1	.6	.2	.1	.0					7157		7147
																		7147		7147	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	41506225	529119	74.0	18.071	7147							
Dry Bulb	25056546	417934	58.4	9.540	7157		.7	155.8	59.8	14.1		744
Wet Bulb	20590622	380662	53.3	6.649	7147		1.2	9.5				744
Dew Point	17604839	351571	49.2	6.592	7147		9.7	.2				744

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1 — 0000-0200 HOURS (LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 67								.1										1	1		
62/ 61			.1	.2	.2	.3	.1											9	9		
60/ 59		.2	.5	.6	.2	.2												15	15		
58/ 57		.3	.3	.2	.5	.1												13	13	6	
56/ 55	.1	.9	1.4	.9		.1												30	30	13	5
54/ 53	.6	1.4	2.1	1.1	.5		.3											52	52	29	13
52/ 51	1.0	2.4	2.4	1.0	.1													61	61	52	23
50/ 49	2.4	6.7	4.9	1.7	.1	.1												140	140	88	78
48/ 47	.3	3.9	4.3	1.1	.5													89	89	80	65
46/ 45	1.0	7.9	2.6	.7	.1													108	108	97	90
44/ 43	1.4	7.2	1.4	.5														91	91	129	85
42/ 41	1.4	5.7	1.6	.1														77	77	107	111
40/ 39	.9	5.5	1.7	.3														74	74	92	102
38/ 37	.6	2.2	.7	.1														31	31	69	92
36/ 35	.7	3.0	.3															35	35	33	62
34/ 33	.2	1.9																19	20	41	42
32/ 31	.7	.9	.7															20	20	17	49
30/ 29		.6	.2															7	7	7	22
28/ 27																				11	15
26/ 25																				1	10
24/ 23	.1	.2																3	3	2	2
22/ 21		.3																3	3	3	5
20/ 19																				1	5
16/ 15																					2
TOTAL	11.4	51.1	25.2	8.7	2.2	.9	.5	.1											879		878
																		878		878	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6267011	73483	83.7	11.548	878
Dry Bulb	1863489	40027	45.5	6.815	879
Wet Bulb	1671911	37925	43.2	6.203	878
Dew Point	1491966	35704	40.7	6.758	878

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		3.4	.1				90
Wet Bulb		4.3					90
Dew Point		11.3					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 1 0300-0500 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.1	.3		.3												7	7		
58/ 57		.2	.2	.1	.3													8	8	1	
56/ 55		.3	.1	.2	.1													7	7	4	1
54/ 53	.6	.7	1.1	.8			.1											29	29	14	9
52/ 51	.9	2.0	1.7	.5			.1											46	46	28	13
50/ 49	1.9	8.5	4.1	.6		.1												134	134	83	69
48/ 47	1.8	3.6	2.5	.7	.1													77	77	89	60
46/ 45	.8	9.2	2.7	.5	.1													117	117	77	92
44/ 43	1.0	7.8	.9															86	86	109	66
42/ 41	1.1	7.6	1.6															91	91	105	98
40/ 39	2.0	5.4	.9															74	74	122	127
38/ 37	2.4	4.2	.3															61	61	76	91
36/ 35	1.0	4.4	.9															56	56	54	61
34/ 33	.3	3.0	.3															32	32	46	59
32/ 31	.7	2.8	.2															33	33	33	52
30/ 29	.7	.7																12	12	24	36
28/ 27	.2	.3																5	5	9	24
26/ 25																				1	13
24/ 23																					3
22/ 21	.1	.3																4	4	1	1
20/ 19	.2																	2	2	5	
18/ 17																					2
16/ 15																					3
14/ 13																					1
TOTAL	15.9	61.3	17.8	3.6	.7	.5	.2											881	881	881	881

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6806109	76945	87.3	9.878	881							
Dry Bulb	1697331	38225	43.4	6.642	881		5.7					90
Wet Bulb	1563062	36706	41.7	6.192	881		7.5					90
Dew Point	1430269	35013	39.7	6.638	881		13.8					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.1	.1	.1													3	3		
60/ 59			.1	.2														3	3		
58/ 57		.2	.1	.2	.4													8	8	1	
56/ 55	.2	.8	.4	.9	.4	.1												24	24	6	3
54/ 53	.1	1.2	.5	.5	.1	.1												21	21	18	6
52/ 51	.8	1.5	2.8	1.2														54	54	24	19
50/ 49	2.2	7.6	3.9	.4	.4	.1												123	123	72	53
48/ 47	1.5	4.7	2.4	.4														76	76	94	57
46/ 45	1.3	7.9	2.2	.5	.1													102	103	88	98
44/ 43	2.1	6.9	2.1	.2														96	97	102	81
42/ 41	.9	7.2	.2	.2														73	73	91	80
40/ 39	1.2	4.5	1.8	.1														64	64	103	106
38/ 37	1.5	5.7	.4															64	64	71	79
36/ 35	.6	5.1	.2															50	50	60	70
34/ 33	.9	3.0	.6															38	38	50	65
32/ 31	.8	1.9																23	23	32	59
30/ 29	.6	.5																9	9	15	31
28/ 27	.6	.2																7	7	9	22
26/ 25		.1																1	1	1	8
24/ 23																					1
22/ 21		.4																3	3	2	1
20/ 19		.1																1	1	1	
18/ 17		.1																1	1	1	
16/ 15	.1																	1	1	2	3
14/ 13																					2
12/ 11																					1
TOTAL	15.7	59.6	17.9	5.0	1.4	.4												845	847	845	845

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6417974	73168	86.6	9.881	845
Dry Bulb	1653910	36976	43.7	6.851	847
Wet Bulb	1510924	35328	41.8	6.340	845
Dew Point	1374586	33612	39.8	6.673	845

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb		4.9					90
Wet Bulb		6.7					90
Dew Point		13.6					90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 1 0900-1100 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79									.1									1	1		
74/ 73								.1										1	1		
72/ 71						.1	.1											2	2		
70/ 69					.1													1	1		
68/ 67				.2	.7	.6	.8	.5	.2	.1								27	27		
66/ 65			.1	.7	.5	.6	.7		.1									23	23		
64/ 63			.3	.3	.9	1.6	.7	.5	.1									39	39	1	
62/ 61		.1	.7	.5	1.2	1.4	.2											36	36	6	
60/ 59		.2	.7	2.3	1.4	2.0	.6	.1										64	64	18	
58/ 57			.9	1.7	1.7	1.9												55	55	23	4
56/ 55		.1	1.8	2.0	2.0	.9												61	61	35	12
54/ 53	.1	1.1	2.2	1.9	2.4	.3												71	71	76	18
52/ 51	1.0	1.9	2.0	3.4	.9	.1												83	83	91	36
50/ 49	1.1	4.4	6.4	2.4	.9	.1												135	135	127	99
48/ 47	.2	2.4	3.9	1.4	.3													72	72	125	80
46/ 45	.2	3.4	1.7	1.6	.2													63	63	103	119
44/ 43	.5	2.3	2.2	.2														45	45	91	89
42/ 41	.2	2.0	1.5	.6														38	38	54	111
40/ 39	.1	.8	1.1	.3														21	21	51	80
38/ 37	.5	.7	.6															15	15	31	79
36/ 35	.5	1.0	.1															14	14	25	48
34/ 33	.1	.2	.2															5	5	11	37
32/ 31	.1																	1	1	5	41
30/ 29																					12
28/ 27	.1	.1																2	2	2	7
26/ 25			.1															1	1		3
24/ 23		.1	.1															2	2		
22/ 21		.1																1	1	4	
20/ 19		.2																2	2	2	
18/ 17																					1
16/ 15																					4
14/ 13																					1
TOTAL	4.8	21.3	26.6	19.5	13.3	9.6	3.1	1.1	.6	.1								881	881		881

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4763511	63391	72.0	5.162	881							
Dry Bulb	2419188	45606	51.8	8.142	881		.9	3.3	.2			90
Wet Bulb	1980126	41396	47.0	6.309	881		1.3					90
Dew Point	1619211	37325	42.4	6.561	881		7.0					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 1 1200-1400 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85													.5					4	4		
84/ 83											.1							1	1		
82/ 81									.2	.1		.1						4	4		
80/ 79								.2			.1	.1						4	4		
78/ 77								.1	.1		.1							3	3		
76/ 75							.3	.1	.2	.5	.1							11	11		
74/ 73						.3	.2	.9	.3	.1	.1							18	18		
72/ 71						.2	.5	1.6	.9	.8	.5							39	39		
70/ 69					.1	.5	1.4	1.8	1.0	.1	.1							44	44		
68/ 67				.1	.6	.8	1.5	1.4	.7	.5								48	48		
66/ 65					.2	1.2	2.0	1.0	1.8									54	54	4	
64/ 63				.2	1.3	1.7	1.6	2.0	.8									66	66	14	
62/ 61			.1	.9	1.4	2.2	1.5	1.0										62	62	11	
60/ 59			.2	.5	1.6	1.7	.7	.3										44	44	37	
58/ 57		.2	.2	1.6	1.2	2.1	1.4	.2										60	60	45	4
56/ 55		.1	1.5	1.4	1.3	1.4	.6											54	54	84	17
54/ 53	.2	1.2	1.7	1.3	1.0	1.5	.2											62	62	79	14
52/ 51	.2	1.0	1.8	2.5	1.0	.6												63	63	108	25
50/ 49	.7	1.3	3.5	1.4	1.7	.1												75	75	123	89
48/ 47	.1	2.0	1.5	.2	1.3													44	44	100	80
46/ 45		.5	1.0	1.8	.2													31	31	90	121
44/ 43	.1	1.6	.6	.3	.1													24	24	43	75
42/ 41	.1	.9	.2	.7	.2													19	19	47	92
40/ 39	.3	.6		.3														11	11	41	74
38/ 37		.5	.6															9	9	12	68
36/ 35		.5																4	4	15	52
34/ 33																				5	52
32/ 31																					62
30/ 29		.2																2	2		25
28/ 27																				2	4
26/ 25			.3															3	3		5
24/ 23		.3																3	3	2	1
22/ 21																				4	
16/ 15																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 2 1200-1400 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					2
TOTAL	1.8	10.9	13.4	13.4	13.3	14.3	11.9	10.9	6.2	2.1	1.2	.2	.5						866		866
																		866		866	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥92 F	Total
Rel. Hum.	3248068	50554	58.4	18.527	866							
Dry Bulb	2963648	49908	57.6	10.053	866		.8	18.3	9.7	.9		90
Wet Bulb	2150460	42768	49.4	6.657	866		.8					90
Dew Point	1546431	36089	41.7	7.008	866		10.7					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87													.3	.2	.1			6	6		
86/ 85											.1	.1						2	2		
84/ 83											.1							1	1		
82/ 81										.3	.1	.2	.3					9	9		
80/ 79										.2		.1						3	3		
78/ 77							.1		.5	.1								6	6		
76/ 75							.5	.3	.9	.5	.3							22	22		
74/ 73							.2	.9	.8	1.0	.1	.5						31	31		
72/ 71							.8	1.8	1.7	.5	.2							44	44		
70/ 69						.1	.6	.7	.5	.5								20	20		
68/ 67					.2	.9	1.9	3.3	1.5	.7								74	74		
66/ 65				.2	.3	.7	1.4	1.8	1.3	.2								52	52	5	
64/ 63				.2	.8	1.0	3.2	1.5	.8									66	66	12	
62/ 61	.1	.1		.1	.8	1.7	1.0	.8										41	41	22	1
60/ 59		.5	.1	1.0	1.3	1.7	1.6	1.1										64	64	32	1
58/ 57		.5	.1	1.9	.6	1.6	1.6	.8										62	62	68	5
56/ 55	.1	.2	1.3	.8	1.5	1.3	.9	.1										54	54	77	11
54/ 53		.9	1.0	1.6	1.9	1.6	.1											63	63	71	14
52/ 51	.3	1.0	1.5	1.7	.2	.7	.2											50	50	124	27
50/ 49	.2	1.1	3.2	1.7	.8	.5												66	66	89	76
48/ 47	.2	1.1	1.5	1.1	1.1	.2												47	47	119	69
46/ 45	.1	.9	.7	.9	.5													27	27	95	118
44/ 43	.3	.6	.2	.5	.2													16	16	44	89
42/ 41		1.5	.1	.2	.1													17	17	34	92
40/ 39	.1	.3		.1	.2													7	7	40	83
38/ 37	.3	.3	.5															10	10	14	65
36/ 35		.3	.1															4	4	9	45
34/ 33																				8	51
32/ 31																				1	65
30/ 29	.1	.2																3	3	1	31
28/ 27			.3															3	3	2	14
26/ 25			.1															1	1		7
24/ 23			.2															2	2	3	1
22/ 21																				3	2

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 2 1500-1700 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					2
14/ 13																					4
TOTAL	2.1	9.7	11.3	12.3	13.7	12.0	14.1	13.3	7.9	4.0	1.0	.9	.7	.2	.1			873	873	873	873

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3007131	48373	55.4	19.358	873							
Dry Bulb	3111046	51302	58.8	10.507	873		.9	22.5	8.2	1.9		90
Wet Bulb	2194131	43365	49.7	6.776	873		1.0					90
Dew Point	1523226	35918	41.1	7.219	873		13.0					90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA[illegible]

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1 1600-2 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85													.1					1	1		
84/ 83											.1							1	1		
78/ 77									.1									1	1		
76/ 75						.1		.1		.2								4	4		
74/ 73						.2		.3		.2								7	8		
72/ 71							.6	.3	.2		.1							11	11		
70/ 69					.1	.1	.3	.3	.5									12	12		
68/ 67				.5	.7	.9	.8	.9	.7	.1								40	40		
66/ 65				.3	.8	.7	.9	.8	.1									32	32	1	
64/ 63			.3	.7	.8	1.5	1.2	.5	.2									45	45	5	
62/ 61			.5	.9	1.0	2.1	1.2	.3	.1									53	53	12	1
60/ 59		.5	.8	1.2	1.6	1.6	1.0											58	58	25	3
58/ 57		.3	.6	2.3	1.6	1.5	.7											61	61	34	8
56/ 55	.2	.1		2.7	2.0	1.7	.7											64	64	55	12
54/ 53		.7	.9	2.1	2.7	1.5	.1											69	69	52	24
52/ 51	.2	1.2	1.8	2.8	1.6	1.2												76	76	97	22
50/ 49	1.4	2.9	5.2	1.5	1.5	.6												113	113	107	83
48/ 47	.2	2.5	2.7	.8	.6	.1												60	60	127	53
46/ 45	.7	2.1	1.6	1.3	.7													55	55	113	120
44/ 43		1.7	.7	.9	.3													32	32	78	97
42/ 41	.1	1.3	.9	.7														26	26	52	104
40/ 39	.6	.6	.3	.1	.1													15	15	39	76
38/ 37	.3	.5	.2	.1														10	10	33	64
36/ 35		.6	.1	.2														8	8	12	59
34/ 33		.1	.3															4	4	8	30
32/ 31			.2															2	2	5	59
30/ 29																				4	21
28/ 27	.1		.2															3	3	2	9
26/ 25		.3																3	3	2	9
24/ 23																				3	2
22/ 21																					6
20/ 19																					2
18/ 17																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP

PAGE 2 1600-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																					
TOTAL	3.9	15.4	17.6	19.1	16.2	13.9	7.5	3.7	2.0	.5	.2		.1					856	867	856	866

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3981413	56743	65.5	7.451	866							
Dry Bulb	2594905	46807	54.0	8.856	867		.8	8.1	1.6	.2		90
Wet Bulb	2010017	41339	47.7	6.512	866		1.7					90
Dew Point	1547987	36081	41.7	7.189	866		11.4					90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
SEP — MONTH

PAGE 1 — HOURS 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9	10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25	26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																							
70/ 69										.2											2	2		
68/ 67					.2		.1	.2													5	5		
66/ 65				.2	.5		.2	.1	.1												10	10		
64/ 63		.1		.2	.2		.2	.3													10	10		
62/ 61			.7	.6	.7		.1	.5													23	23	1	
60/ 59		.5	.5	.7	.5		.2		.1												21	21	4	1
58/ 57		.6	1.5	1.9	.5		.3														42	42	19	3
56/ 55	.1	.6	1.6	2.6	.5		.1	.4													50	50	27	7
54/ 53	.6	.6	1.9	2.4	1.4		.5														64	64	47	22
52/ 51	.5	2.5	2.7	3.1	1.7		.2														94	94	59	23
50/ 49	1.7	3.5	6.8	4.0	.9																149	149	102	83
48/ 47	.8	3.4	4.8	1.2	.2																92	92	83	69
46/ 45	.7	6.3	2.2	1.5	.2																96	96	149	103
44/ 43	1.0	5.0	1.8	1.4	.1																82	82	133	107
42/ 41	.1	2.8	1.2	.8																	44	44	82	88
40/ 39	.9	1.2	1.4	.6																	36	36	60	107
38/ 37	.2	1.4	.9	.1																	23	23	42	81
36/ 35	.1	1.4	.1	.1																	15	15	32	55
34/ 33	.1	.6	.1	.1																	8	8	20	35
32/ 31	.2	.2	.6																		9	9	6	48
30/ 29		.1																			1	1	4	25
28/ 27			.1																		1	1	6	7
26/ 25		.2																			2	2	1	3
24/ 23		.3																			3	3	5	2
22/ 21																								8
20/ 19																								2
18/ 17																								3
16/ 15		.1																			1	1	1	
12/ 11																								1
TOTAL	7.0	31.4	28.8	21.4	7.5		2.0	1.5	.5													883		883
																					883		883	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5431539	68191	77.2	13.694	883							
Dry Bulb	2135060	42952	48.6	7.202	883		1.7	.7				90
Wet Bulb	1827561	39797	45.1	6.200	883		2.3					90
Dew Point	1555177	36563	41.4	6.834	883		12.1					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 1 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87													.0	.0	.0			6	6		
86/ 85											.0	.0	.1					7	7		
84/ 83											.0							3	3		
82/ 81									.0	.1	.0	.0	.0					13	13		
80/ 79								.0	.0	.0	.0	.0						8	8		
78/ 77							.0	.0	.1	.0	.0							10	10		
76/ 75						.0	.1	.1	.1	.1	.1							37	37		
74/ 73						.1	.1	.3	.1	.2	.0	.1						57	58		
72/ 71						.0	.2	.5	.4	.2	.1							96	96		
70/ 69					.0	.1	.3	.4	.2	.1	.0							79	79		
68/ 67				.1	.3	.4	.6	.8	.4	.2								195	195		
66/ 65			.0	.2	.3	.4	.6	.5	.4	.0								171	171	10	
64/ 63		.0	.1	.2	.5	.8	.9	.5	.2									226	226	32	
62/ 61	.0	.0	.3	.4	.7	1.0	.6	.3	.0									227	227	52	2
60/ 59		.2	.4	.8	.8	1.0	.5	.2										276	276	116	5
58/ 57		.3	.5	1.3	.8	.9	.5	.1										309	309	197	24
56/ 55	.1	.4	1.0	1.4	1.0	.7	.3	.0										344	344	303	68
54/ 53	.3	1.0	1.4	1.5	1.2	.7	.1											431	431	386	120
52/ 51	.6	1.7	2.1	2.0	.7	.3	.0											527	527	583	188
50/ 49	1.5	4.5	4.7	1.7	.8	.2												935	935	791	630
48/ 47	.7	3.0	2.9	.9	.5	.0												557	557	617	533
46/ 45	.6	4.8	1.8	1.1	.3													599	600	812	861
44/ 43	.8	4.1	1.2	.5	.1													472	473	729	689
42/ 41	.5	3.6	.9	.4	.0													385	385	572	776
40/ 39	.8	2.4	.9	.2	.0													302	302	548	755
38/ 37	.7	1.9	.5	.0														223	223	348	619
36/ 35	.4	2.0	.2	.0														186	186	240	452
34/ 33	.2	1.1	.2	.0														106	107	189	371
32/ 31	.3	.7	.2															88	88	99	435
30/ 29	.2	.3	.0															34	34	55	203
28/ 27	.1	.1	.1															21	21	43	102
26/ 25		.1	.1															11	11	6	58
24/ 23	.0	.1	.0															13	13	15	12
22/ 21	.0	.1																11	11	17	23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PAGE 2 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19	.0	.0																5	5	9	9
18/ 17		.0																1	1	1	6
16/ 15	.0	.0																2	2	3	20
14/ 13																					10
12/ 11																					2
TOTAL	7.8	32.6	19.8	12.9	8.1	6.7	4.8	3.7	2.1	.8	.3	.1	.2	.0	.0			6973	6977	6973	6973

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39922756	510848	73.3	18.927	6973							
Dry Bulb	18438597	351803	50.4	10.014	6977		19.2	52.8	14.7	3.0		720
Wet Bulb	14908192	318624	45.7	7.075	6973		25.6					720
Dew Point	12088853	286305	41.1	6.916	6973		90.9					720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 — 0000-0200 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
64/ 63								.1										1	1		
62/ 61					.1													1	1		
60/ 59					.2	.1												3	3		
58/ 57					.2													2	2		
56/ 55				.1	.1	.1												3	3		
54/ 53				.2	.1													3	3	1	
52/ 51			.2	.3	.6													10	10	3	
50/ 49	.1	.1	2.5	1.1	1.6	.2	.2											52	52	8	1
48/ 47	.2	.4	1.9	1.2	1.0													43	43	11	2
46/ 45	.1	1.3	1.7	.9	1.3	.2												50	50	35	11
44/ 43	.2	1.3	1.1	1.9	.4	.3												48	48	46	23
42/ 41		1.9	2.0	1.7	.1													51	51	45	23
40/ 39	.1	2.1	3.6	2.2	.7													78	78	53	41
38/ 37		4.6	4.0	1.2	.1													89	89	92	34
36/ 35	.8	5.3	3.5	1.6														99	99	104	59
34/ 33	.9	4.6	2.8	.4														78	79	128	74
32/ 31	2.6	7.0	2.5	.4														112	112	108	136
30/ 29	1.5	4.2	.3															54	55	99	111
28/ 27	1.1	3.2	.9															47	47	56	112
26/ 25	.8	1.8	.1															24	24	37	86
24/ 23	.7	1.2	.2															19	19	27	51
22/ 21	.1	.3	.1															5	5	14	39
20/ 19		.8	.1															8	8	4	43
18/ 17		.9																8	8	14	12
16/ 15	.1	.4																5	5	8	4
14/ 13	.2																	2	2	2	12
12/ 11																					13
10/ 9																					8
TOTAL	9.5	41.7	27.5	13.4	6.6	1.0	.2	.1										895	897	895	895

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5371737	68193	76.2	4.026	895							
Dry Bulb	1267216	32966	36.8	7.882	897		29.5					93
Wet Bulb	1066984	30310	33.9	6.731	895		38.3					93
Dew Point	825160	26406	29.5	7.179	895		65.2					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59						.1												1	1		
58/ 57				.1		.1												2	2		
54/ 53			.2	.4														6	6		
52/ 51			.2	.3	.3													8	8	1	
50/ 49	.3		1.3	1.3	.7													33	33	8	3
48/ 47		.4	1.3	.6	.6													26	26	8	3
46/ 45		2.3	2.2	1.9	.9	.1												67	67	21	4
44/ 43		1.4	1.6	1.1	.1	.2												40	40	49	18
42/ 41		1.4	1.9	.7	.2	.1												39	39	39	23
40/ 39	.4	2.1	2.3	.9	.7													58	58	63	32
38/ 37	.9	5.0	3.2	.8	.3													92	92	70	54
36/ 35	.9	5.4	2.8	.4														86	86	94	54
34/ 33	1.2	5.8	3.9	.2														100	100	124	78
32/ 31	3.2	7.6	2.7	.1														123	123	111	156
30/ 29	1.7	5.3	.6															68	68	101	76
28/ 27	1.6	4.3	.4	.2														57	57	79	118
26/ 25	.3	2.1	.1															23	23	37	65
24/ 23	.9	2.2	.1															29	29	31	55
22/ 21	.9	.9																16	16	31	56
20/ 19	.2	1.0																11	11	11	45
18/ 17	.1	1.2																12	12	15	19
16/ 15	.1	.1																2	2	6	6
14/ 13		.1																1	1	1	16
12/ 11	.2																	2	2	2	16
10/ 9																					3
8/ 7																					1
6/ 5																					1
TOTAL	13.0	48.7	24.8	9.1	3.8	.7													902		902
																		902		902	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	5816482	71480	79.2	12.987	902
Dry Bulb	1181880	31886	35.4	7.792	902
Wet Bulb	1021610	29728	33.0	6.814	902
Dew Point	816302	26334	29.2	7.259	902

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
	35.5					93
	43.8					93
	65.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1													1	1		
56/ 57				.2														2	2		
54/ 53				.1		.1												2	2	3	
52/ 51			.3	.2	.2	.1												8	8		
50/ 49		.1	1.4	.7	.7													25	25	2	3
48/ 47		.5	1.8	1.1	.1													31	31	4	3
46/ 45		1.7	1.0	.7	.9													38	38	20	4
44/ 43	.3	1.6	1.4	.6														34	34	46	16
42/ 41		2.5	1.8	.3	.2													43	43	37	20
40/ 39	.5	3.8	2.1	1.0	.3													69	69	56	28
38/ 37	1.2	3.2	2.4	.6														65	65	78	55
36/ 35	.9	8.4	3.3	1.0														121	121	75	63
34/ 33	.7	6.1	2.7															84	84	139	71
32/ 31	2.7	7.5	2.9															117	117	97	142
30/ 29	1.4	3.7	.7															51	52	98	87
28/ 27	3.0	5.0	.1															72	72	76	98
26/ 25	1.2	3.3	.5	.1														45	45	43	80
24/ 23	.3	2.0	.2															23	23	33	59
22/ 21	1.1	1.4	.1															23	23	36	40
20/ 19	.6	.9	.3															16	16	18	42
18/ 17	.3	.6																8	8	17	22
16/ 15		.8																7	7	6	16
14/ 13		.3																3	3	4	16
12/ 11																					7
10/ 9																					13
8/ 7																					1
6/ 5																					1
4/ 3																					1
TOTAL	14.3	53.3	23.0	6.6	2.6	.2												888	889	888	888

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5933364	71796	80.9	12.039	888							
Dry Bulb	1112041	30677	34.5	7.759	889		38.3					93
Wet Bulb	976484	28798	32.4	6.927	888		44.8					93
Dew Point	793966	25710	29.0	7.477	888		65.5					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PAGE 1 0900-1100 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
70/ 69										.1								1	1		
68/ 67							.2											2	2		
66/ 65							.2	.1										3	3		
64/ 63							.4	.1										5	5		
62/ 61				.1		.6	.2											8	8		
60/ 59				.1	.4	.3	.2											10	10		
58/ 57				.4	.3	.3	.1											11	11		
56/ 55			.1	.6	.8	.2	.3											18	18	3	
54/ 53			.2	.3	.9	.8	.3											23	23	4	
52/ 51		.1	.2	1.1	1.4	.7	.4											36	36	21	
50/ 49		.1	1.3	1.9	1.7	.6	.1	.1										52	52	24	2
48/ 47		1.4	1.6	1.6	2.3	.7												68	68	23	9
46/ 45		1.0	1.1	3.3	1.4	.1												63	63	50	20
44/ 43		1.7	2.1	2.0	1.2	.2												65	65	57	32
42/ 41		2.7	3.1	2.5	.3													76	78	65	35
40/ 39	.2	2.5	2.3	1.9	.3	.1												67	67	108	39
38/ 37	.4	4.2	3.8	.6	.2													83	83	91	66
36/ 35	.1	5.2	1.9	.6														70	70	119	52
34/ 33	.8	3.2	2.4	.1														59	59	103	101
32/ 31	.9	4.1	1.9	.2														64	64	65	167
30/ 29	.4	2.1	.3	.4														30	30	51	81
28/ 27	.8	2.1	.7	.1														33	34	37	98
26/ 25	.2	1.3	.3															17	17	23	60
24/ 23	.1	.9	.4															13	13	19	37
22/ 21		.8	.4															11	11	15	24
20/ 19	.1	.4																5	5	12	20
18/ 17	.1	.4																5	5	8	16
16/ 15		.2																2	2	3	13
14/ 13																				1	13
12/ 11																					5
10/ 9																					7
8/ 7																					5
TOTAL	4.2	34.6	24.3	17.8	11.4	4.5	2.7	.3		.1								902	903	902	902

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4739841	63923	70.9	5.257	902							
Dry Bulb	1552725	36515	40.4	9.188	903		18.6	.3				93
Wet Bulb	1248171	32891	36.5	7.361	902		24.1					93
Dew Point	921135	28007	31.0	7.562	902		56.3					93

USAFETAC FORM 0-26 3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7112JO — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 1 — 1200-1400 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79												.1						1	1		
78/ 77											.1							1	1		
76/ 75												.2						2	2		
74/ 73										.4	.1							5	5		
72/ 71									.2	.3	.1							6	6		
70/ 69							.2	.2	.4	.2								10	10		
68/ 67						.2	.3	.8	.2									14	14		
66/ 65						.2	.4	.3	.3									12	12		
64/ 63						.6	1.0	.4	.3	.2								23	23		
62/ 61					.2	.8	.7	.9	.2	.1								26	26		
60/ 59				.1	.1	.6	.3	.7	.3									19	19	1	
58/ 57					.2	.6	1.1	.9	.1									26	26	7	
56/ 55					1.3	1.8	2.0	.4										50	50	20	
54/ 53				.3	.9	1.5	2.3	.7	.2									54	54	23	
52/ 51			.1	1.3	1.8	2.1	1.3	.2										62	62	23	
50/ 49		.3	1.9	1.4	5.1	1.4	1.7	.1										108	108	26	7
48/ 47		.3	.6	1.9	2.5	2.2	.2											70	70	50	5
46/ 45		.3	1.1	3.4	2.4	1.1												76	76	78	14
44/ 43		.3	1.3	2.8	1.8	.1	.3											60	60	94	42
42/ 41	.1	.4	2.1	1.5	.7	.3												47	47	112	41
40/ 39	.1	1.5	2.7	.4	.7													49	49	103	34
38/ 37	.1	1.2	2.3	1.0	.2													44	44	117	50
36/ 35		2.0	1.1	.4	.3													35	35	71	66
34/ 33	.1	.9	1.2	.3	.4													27	27	51	94
32/ 31	.3	.6	1.2	.2	.1													22	22	43	159
30/ 29		.3	.4	.1														8	8	16	90
28/ 27	.1	1.8	.4															21	21	22	77
26/ 25	.2	.3	1.1															15	15	21	63
24/ 23	.1	.1	.2															4	4	6	47
22/ 21		.7	.2															8	8	11	38
20/ 19																				10	23
18/ 17																					12
16/ 15																					7
14/ 13																					18

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					13
10/ 9																					5
TOTAL	1.2	11.2	19.0	15.4	18.8	13.5	11.9	5.6	2.4	1.3	.3	.3						905	905	905	905

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3101052	50678	56.0	17.063	905							
Dry Bulb	2108663	42643	47.1	10.484	905		8.0	4.0	.9			93
Wet Bulb	1492498	36126	39.9	7.468	905		13.3					93
Dew Point	916283	27945	30.9	7.685	905		56.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81													.1					1	1		
80/ 79												.2	.1					3	3		
78/ 77												.2						2	2		
74/ 73										.4	.1	.2						7	7		
72/ 71									.3	.3	.2							8	8		
70/ 69							.3	.1	.8	.2	.1							14	14		
68/ 67						.1	.1	.7	.2									10	10		
66/ 65					.1	.1	.3	.4	.1	.1								11	11		
64/ 63						.2	1.1	.1	.7	.2								21	21		
62/ 61					.1	1.1	.4	.7	.1	.1								23	23		
60/ 59				.1	.1	.6	.7	1.2	.6									29	29	2	
58/ 57					.2	.3	.3	1.6	.1									23	23	9	
56/ 55				.3	1.4	1.4	2.2	1.2	.1									61	61	18	
54/ 53		.1	.1	.4	1.2	2.5	1.9	.6	.1									63	63	22	
52/ 51				.4	1.1	1.4	1.7	.2										44	44	31	1
50/ 49		.1	1.6	1.9	3.7	2.7	3.0	.2										118	118	16	7
48/ 47		.1	1.0	1.6	3.1	2.2	.4											76	76	51	3
46/ 45	.1	.6	1.1	1.6	2.1	1.9	.1											67	67	72	16
44/ 43		.1	1.3	1.9	2.2	.9	.2											60	60	112	31
42/ 41		.8	1.4	1.7	1.0													44	44	94	42
40/ 39		.9	2.1	1.0	1.3	.1												49	49	104	39
38/ 37		1.2	.9	1.0	.4	.1												33	33	104	43
36/ 35		2.2	1.7	.4	.2													41	41	80	61
34/ 33	.2	.6	.7	.3	.2													18	18	64	81
32/ 31	.1	1.1	.7	.1	.3													21	21	36	120
30/ 29		1.0	.8	.1														17	17	16	92
28/ 27	.2	1.1	.8															19	19	25	107
26/ 25		.2	.6															7	7	21	60
24/ 23		.1	.9															9	9	6	54
22/ 21		.3																3	3	6	53
20/ 19																				11	40
18/ 17																					8
16/ 15																					7
14/ 13																					15

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	OCT

PAGE 2 1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
12/ 11																					12
10/ 9																					10
TOTAL	.7	5.5	5.5	12.9	19.2	15.7	12.9	7.0	3.1	1.4	.4	.7	.2						902		902
																		902		902	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2855330	48228	53.5	7.524	902							
Dry Bulb	2156144	43058	47.7	10.573	902		7.8	4.6	1.3	.1		93
Wet Bulb	1491922	36066	40.0	7.438	902		12.5					93
Dew Point	875386	27188	30.1	7.876	902		59.6					93

USAFETAC FORM 0-26 3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PAGE 1 1800-2000 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
74/ 73										.2	.1							3	3		
70/ 69									.2									2	2		
68/ 67								.1	.1									2	2		
66/ 65						.1	.3	.2	.1									7	7		
64/ 63						.1	.7	.1	.1									9	9		
62/ 61					.1	.8	.6		.1									14	14		
60/ 59				.1	.3	.9		.2										14	14		
58/ 57				.1	.3	.3	.3	.3										13	13		
56/ 55			.1	.1	1.2	.3	.3	.1										20	20	5	
54/ 53			.1	.2	1.3	.7	.8	.1										29	29	11	
52/ 51		.1	.2	1.0	1.4	1.5	.8	.1										47	47	21	
50/ 49		.3	1.5	1.1	2.0	3.2	.7											80	80	25	6
48/ 47		.1	.7	1.0	2.6	.6	.3											48	48	30	7
46/ 45	.1	.8	1.5	2.0	3.3	1.3												82	82	46	6
44/ 43	.4	1.1	2.3	2.1	2.9	1.0												89	89	51	31
42/ 41		1.3	2.1	3.5	.9													71	71	78	36
40/ 39		1.3	3.2	2.5	.7													70	70	109	40
38/ 37	.1	2.0	1.9	1.2	.3													50	50	102	54
36/ 35	.2	3.0	2.6	1.8	.1													70	70	125	52
34/ 33	.1	2.3	2.6	1.1	.2													58	59	90	60
32/ 31	.6	2.6	1.7	.2	.1													47	47	73	126
30/ 29		1.3	.6	.7														23	23	44	104
28/ 27	.4	2.0	1.3	.1														35	35	38	119
26/ 25	.1	.4		.1														6	6	25	85
24/ 23		.1																1	1	14	44
22/ 21		.3	.6															8	8	3	48
20/ 19		.1	.4															5	5	7	34
18/ 17		.1																1	1	6	16
16/ 15	.1	.2																3	3	4	6
14/ 13																					8
12/ 11																					13
10/ 9																					11
8/ 7																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	OCT

PAGE 2 1800-2000 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	2.2	19.6	23.5	19.0	17.9	10.8	4.7	1.3	.7	.2	.1							907	908	907	907

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3866505	57275	63.1	6.602	907							
Dry Bulb	1720414	38602	42.5	9.352	908		13.2	.7	.3			93
Wet Bulb	1298441	33695	37.1	7.177	907		21.9					93
Dew Point	862880	27104	29.9	7.643	907		63.1					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) OCT

PAGE 1 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67									.2									2	2		
64/ 63							.1											1.	1.		
62/ 61						.1	.1											2	2		
60/ 59				.1	.3	.2	.1											7.	7.		
58/ 57					.3	.4	.1											8	8		
56/ 55				.3	.9	.2	.1											14.	14.		
54/ 53			.1	.2	.8	.5	.1											16	16	1	
52/ 51			.1	1.1	.9	.1	.2											22.	22.	8.	
50/ 49		.9	1.8	1.2	1.5	.9	.1											58	58	15	
48/ 47		.8	1.0	.4	1.5	.7												40.	40.	33.	7
46/ 45		.9	1.9	2.3	1.6	.7												67	67	39	11
44/ 43	.2	.8	1.3	2.5	2.0	.3												65.	65.	41.	20
42/ 41	.1	1.5	2.5	2.5	1.0	.2												72	72	47	39
40/ 39	.2	1.4	3.3	2.3	1.1													76.	76.	76.	29
38/ 37	.3	3.5	3.5	1.6														82	82	93	50
36/ 35	.7	3.8	3.2	.9	.1													79.	79.	118.	47
34/ 33	.8	4.4	2.9	.4														77	77	132	69
32/ 31	2.1	4.3	3.1	.4														90.	90.	97.	138
30/ 29	.4	3.1	1.9	.1														50	50	77	103
28/ 27	.9	1.9	2.2															45.	45.	50.	124
26/ 25	.4	.4	.2															10	10	37	84
24/ 23	.2	.4	.1															7.	7.	19.	61
22/ 21		.5	.3															8	8	6	38
20/ 19		.4	.3															7.	7.	9.	35
18/ 17		.3																3	3	8	14
16/ 15		.2																2.	2.	4.	10
14/ 13	.2																	2	2	2	11
12/ 11																					13
10/ 9																					9
TOTAL	6.6	29.6	29.6	16.6	12.1	4.4	1.0		.2										912.		912
																		912		912	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4767497	64445	70.7	15.312	912
Dry Bulb	1444293	35481	38.9	8.376	912
Wet Bulb	1164822	31988	35.1	6.859	912
Dew Point	843871	26925	29.5	7.331	912

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		22.8	.2				93
Wet Bulb		31.5					93
Dew Point		65.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	OCT

PAGE 1 ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81													.0					1	1		
80/ 79												.0	.0					4	4		
78/ 77											.0	.0						3	3		
76/ 75												.0						2	2		
74/ 73										.1	.0	.0						15	15		
72/ 71									.1	.1	.0							14	14		
70/ 69							.1	.0	.2	.1	.0							27	27		
68/ 67						.0	.1	.2	.1									30	30		
66/ 65					.0	.1	.2	.1	.1	.0								33	33		
64/ 63						.1	.4	.1	.1	.1								60	60		
62/ 61				.0	.1	.4	.2	.2	.1	.0								75	75		
60/ 59				.1	.2	.3	.2	.3	.1									83	83	3	
58/ 57				.1	.2	.3	.2	.3	.0									87	87	16	
56/ 55			.0	.2	.7	.5	.6	.2	.0									166	166	46	
54/ 53		.0	.1	.3	.7	.8	.7	.2	.0									196	196	65	
52/ 51		.0	.2	.7	1.0	.7	.6	.1										237	237	108	1
50/ 49	.1	.2	1.6	1.3	2.1	1.1	.7	.1										526	526	126	29
48/ 47	.0	.5	1.2	1.2	1.7	.8	.1											402	402	210	39
46/ 45	.0	1.1	1.5	2.0	1.8	.7	.0											510	510	361	66
44/ 43	.2	1.0	1.6	1.9	1.3	.4	.1											461	461	496	213
42/ 41	.0	1.6	2.1	1.8	.6	.1												445	445	517	259
40/ 39	.2	2.0	2.7	1.5	.7	.0												516	516	672	282
38/ 37	.4	3.1	2.7	1.0	.2	.0												538	538	747	406
36/ 35	.4	4.4	2.5	.9	.1													601	601	786	454
34/ 33	.6	3.5	2.4	.4	.1													501	503	831	628
32/ 31	1.6	4.4	2.1	.2	.1													596	596	630	1144
30/ 29	.7	2.6	.7	.2														301	303	502	744
28/ 27	1.0	2.6	.9	.1														329	330	383	853
26/ 25	.4	1.2	.4	.0														147	147	244	583
24/ 23	.3	.9	.3															105	105	155	408
22/ 21	.3	.7	.2															82	82	122	336
20/ 19	.1	.5	.2															52	52	82	282
18/ 17	.1	.4																37	37	68	119
16/ 15	.0	.2																21	21	31	69

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
OCT — MONTH

PAGE 2 — ALL — HOURS (GMT)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
14/ 13	.1	.1																8	9	10	109
12/ 11	.0																	2	2	2	92
10/ 9																					66
8/ 7																					8
6/ 5																					2
4/ 3																					1
TOTAL	6.4	31.1	23.3	13.9	11.5	6.4	4.2	1.8	.8	.4	.1	.1	.0						7218		7213
																		7213		7213	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	36451808	496018	68.8	18.021	7213							
Dry Bulb	12543376	291828	40.4	10.157	7218		173.5	9.9	2.6	.1		744
Wet Bulb	9760932	259602	36.0	7.610	7213		229.9					744
Dew Point	6854983	215619	29.9	7.535	7213		496.8					744

USAFETAC FORM JUN 71 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 — 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49				.2	.1													3	3		
46/ 45				.3	.2													5	5		
44/ 43			.1	.6														6	6	3	
42/ 41			.3	.5	.1													8	8	2	
40/ 39			.7	.6	.6													16	16	2	
38/ 37		.1	.6	.8	.7													19	19	12	
36/ 35		.6	.8	.5	.2													18	18	12	3
34/ 33	.3	2.3	1.9	.5														44	44	39	11
32/ 31	.9	2.7	4.1	.7														74	74	40	33
30/ 29	1.3	3.0	2.7	.2														63	63	59	23
28/ 27	1.5	3.4	3.0															69	69	78	41
26/ 25	1.4	4.4	.7															57	57	77	50
24/ 23	2.1	3.8	.2															53	53	76	68
22/ 21	1.6	3.8	.5															51	51	68	57
20/ 19	1.7	3.2	.2															45	45	41	72
18/ 17	1.1	2.5																32	32	50	65
16/ 15	1.9	1.9																34	34	35	61
14/ 13	2.2	3.0																45	45	37	65
12/ 11	1.3	1.8																27	27	27	43
10/ 9	1.5	.7																19	19	30	46
8/ 7	.7	1.3																17	17	10	23
6/ 5	.9	1.6																22	22	18	27
4/ 3	.9	1.8																24	24	27	9
2/ 1	.9	1.6																22	22	23	12
0/ -1	2.3	.1																21	21	27	14
-2/ -3	1.6	.2																16	16	17	25
-4/ -5	2.4																	21	21	21	25
-6/ -7	1.5																	13	13	13	23
-8/ -9	1.1																	10	10	10	13
-10/-11	1.3																	11	11	11	14
-12/-13	.7																	6	6	6	9
-14/-15	.1																	1	1	1	11
-16/-17	.2																	2	2	2	12
-18/-19																					8

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 2 0000-0200 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	.2																	2	2	2	4
-22/-23	.1																	1	1	1	6
-26/-27																					3
-30/-31																					1
TOTAL	33.6	43.8	15.8	4.8	1.9														877		877
																		877		877	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5338249	67589	77.1	2.148	877							
Dry Bulb	492609	17107	19.5	3.469	877	10.7	77.8					90
Wet Bulb	419775	15793	18.0	2.431	877	11.4	82.8					90
Dew Point	303895	11571	13.2	3.139	877	17.2	88.6					90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 1 0300-0500 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
48/ 47				.2														2	2			
46/ 45				.5														4	4			
44/ 43				.5														4	4			
42/ 41		.2	.2	.2														6	6	2		
40/ 39		.1	.2	.3	.2													8	8	6		
38/ 37			.7	.3	.1													10	10	9		
36/ 35		1.3	1.3	.7														28	28	5	3	
34/ 33	.1	1.8	1.1	1.0	.2													38	38	33	6	
32/ 31	1.4	2.2	3.0	.6														62	62	43	37	
30/ 29	1.5	1.8	2.0															47	47	48	22	
28/ 27	1.6	5.0	2.7															82	82	65	41	
26/ 25	2.2	5.1	.6															69	69	81	35	
24/ 23	1.3	4.1	.1															48	49	82	63	
22/ 21	1.1	3.5																41	41	62	59	
20/ 19	1.6	3.2	.1															43	43	51	74	
18/ 17	1.4	4.1																48	48	43	73	
16/ 15	1.8	2.8																41	41	46	57	
14/ 13	3.6	3.1																59	59	53	69	
12/ 11	1.0	.9																17	17	23	53	
10/ 9	1.7	.9																23	23	22	47	
8/ 7	1.1	1.0																19	19	16	14	
6/ 5	1.1	1.9																27	27	22	25	
4/ 3	1.5	1.4																25	25	29	14	
2/ 1	.5	2.2																23	23	27	17	
0/ -1	1.3	.1																12	12	15	17	
-2/ -3	1.0	.1																10	10	11	15	
-4/ -5	3.0																	26	26	26	35	
-6/ -7	1.3																	11	11	11	17	
-8/ -9	1.6																	14	14	14	13	
-10/-11	1.0																	9	9	9	8	
-12/-13	1.6																	14	14	14	10	
-14/-15	.3																	3	3	3	11	
-16/-17	.1																	1	1	1	12	
-18/-19																					6	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 2 0300-0500 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	.5																	4	4	4	11
-22/-23	.1																	1	1	1	10
-26/-27																					2
-28/-29																					3
TOTAL	36.2	46.9	12.1	4.3	.6													879	880	879	879

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5541180	69098	78.6	11.163	879							
Dry Bulb	457087	16211	18.4	13.426	880	10.7	79.8					90
Wet Bulb	397550	15060	17.2	12.575	879	11.2	84.4					90
Dew Point	298579	11145	12.7	13.384	879	17.4	89.1					90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE I — 0600-0800 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
46/ 45				.1														1	1		
44/ 43				.3	.1													4	4		
42/ 41			.7	.3														9	9		
40/ 39		.1	.7	.2	.2													11	11	1	
38/ 37		.1	.7	.6	.3													15	15	13	
36/ 35		.1	1.5	.5	.2													20	20	10	1
34/ 33	.3	1.4	.9	.9														31	31	26	2
32/ 31	1.6	3.2	1.4	.2														56	56	44	36
30/ 29	.9	1.6	1.3	.2														35	35	51	27
28/ 27	1.6	3.3	1.8															59	59	45	46
26/ 25	3.2	5.2	.5															77	77	67	34
24/ 23	1.7	5.4	.3															65	65	76	55
22/ 21	1.1	3.1	.1															38	38	76	55
20/ 19	1.4	1.6																26	26	32	63
18/ 17	3.0	3.7																58	58	54	55
16/ 15	3.6	2.8																55	55	63	70
14/ 13	2.6	4.3																60	60	50	76
12/ 11	.3	1.5																16	16	22	44
10/ 9	2.3	1.1																30	30	31	45
8/ 7	1.6	1.4																26	26	22	30
6/ 5	.9	2.2																27	27	26	26
4/ 3	1.7	1.3																26	26	31	18
2/ 1	.6	1.8																21	21	20	21
0/ -1	1.1																	10	10	16	17
-2/ -3	1.3																	11	11	11	24
-4/ -5	2.8																	24	24	24	19
-6/ -7	.7	.1																7	7	7	13
-8/ -9	1.7																	15	15	15	18
+10/-11	.8																	7	7	7	10
+12/-13	1.5																	13	13	13	6
+14/-15	.6																	5	5	5	8
+16/-17	.9																	8	8	8	12
+18/-19	.1																	1	1	1	8
+20/-21	.1																	1	1	1	11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 72 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-62 (YEARS) NOV (MONTH)

PAGE 2 0600-0800 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	.2																	2	2	2	12
-24/-25																					4
-26/-27																					1
-28/-29																					2
-32/-33																					1
TOTAL	47.5	45.3	9.9	3.4	.9														870		870
																		870		870	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5608346	69162	79.5	11.261	870							
Dry Bulb	426731	15355	17.6	13.387	870	10.8	80.6					90
Wet Bulb	374973	14373	16.5	12.580	870	11.4	84.8					90
Dew Point	287192	10602	12.2	13.484	870	17.2	89.7					90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 1 0900-1100 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53						.1												1	1		
52/ 51					.2													2	2		
50/ 49				.1	.1													2	2		
48/ 47					.1													1	1		
46/ 45			.2	.6	.2	.1												10	10	1	
44/ 43			.3	.5	.5													11	11	3	
42/ 41		.1	.5	.5	.6	.1	.1											16	16	4	
40/ 39			.9	.8	.2	.2												19	19	9	
38/ 37		.3	1.3	1.9	.6													36	36	13	1
36/ 35		.5	1.4	.9	.1													25	25	23	5
34/ 33	.5	1.6	1.5	.8	.1													39	39	44	12
32/ 31	.7	3.2	3.1	.1														62	62	59	35
30/ 29	.5	3.2	2.2	.5														56	56	52	43
28/ 27	1.5	3.2	1.3															52	52	65	30
26/ 25	1.8	3.1	1.3															54	54	66	60
24/ 23	1.4	3.8	.5															49	49	51	62
22/ 21	1.3	3.9	.1															46	46	74	50
20/ 19	.8	2.9	.2															34	34	40	61
18/ 17	2.6	2.3																43	43	49	60
16/ 15	2.2	2.6																42	42	41	60
14/ 13	1.7	4.0	.1															51	51	36	76
12/ 11	1.1	1.8																26	26	36	34
10/ 9	1.1	1.8																26	26	27	52
8/ 7	.9	1.6																22	22	22	17
6/ 5	1.0	1.9																26	26	23	25
4/ 3	.9	1.7																23	23	32	19
2/ 1	.6	.5																9	9	13	29
0/ -1	1.7																	15	15	15	17
-2/ -3	.8	.1																8	8	8	23
-4/ -5	2.3	.1																21	21	21	14
-6/ -7	.8																	7	7	7	8
-8/ -9	1.4																	12	12	12	11
-10/ -11	1.0																	9	9	9	10
-12/ -13	.7																	6	6	6	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711220 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 2 — 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-14/-15	.7																	6	6	6	6	7
-16/-17	.2																	2	2	2	2	9
-18/-19	.2																	2	2	2	2	10
-20/-21	.1																	1	1	1	1	5
-22/-23	.1																	1	1	1	1	9
-24/-25																						4
-26/-27																						2
-30/-31																						1
TOTAL	30.9	44.3	14.8	6.6	2.7	.6	.1											873		873		873

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5163767	66187	75.8	12.929	873							
Dry Bulb	533015	17797	20.4	13.971	873	9.3	73.3					90
Wet Bulb	445512	16306	18.7	12.714	873	9.3	80.2					90
Dew Point	315424	11860	13.6	13.302	873	14.6	88.1					90

USAFETAC FORM JUN 71 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711230 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 — 1200-1400 HOURS (LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
62/ 61								.1										1	1		
60/ 59								.1										1	1		
58/ 57								.3										3	3		
56/ 55					.1	.2	.2	.1										6	6		
54/ 53						.1	.5											6	6		
52/ 51				.1	.6	.3	.2											11	11		
50/ 49				.2	.9	.7	.1											17	17		
48/ 47			.3	.2	.6	.3												13	13	4	
46/ 45			.1	.7	.8	.9	.5	.1										27	27	6	
44/ 43			.1	.5	.5	.7	.3											18	18	20	
42/ 41			.2	1.1	1.7	.6												32	32	17	
40/ 39		.3	.6	1.3	1.5	.1												33	33	16	3
38/ 37		.2	2.0	1.4	.9													39	39	20	6
36/ 35		1.0	2.1	3.2	.5													59	59	33	8
34/ 33	.5	1.1	2.3	1.8	.2													52	52	86	13
32/ 31	.1	2.0	4.1	1.1														64	64	67	49
30/ 29	1.0	2.3	.5	.6														38	39	73	42
28/ 27	.5	2.0	2.5	.5														47	47	67	47
26/ 25	.6	2.6	.5															32	32	37	56
24/ 23	.8	2.8	.6															36	36	55	63
22/ 21	.8	3.3	.5															40	40	56	62
20/ 19	1.4	2.2	.3															34	34	34	61
18/ 17	1.3	2.5	.2															35	35	41	61
16/ 15	.9	1.8																24	24	21	73
14/ 13	.8	3.9	.1															42	42	37	60
12/ 11	.3	1.5	.1															17	17	28	23
10/ 9	1.1	2.2	.2															31	33	25	39
8/ 7	.1	1.8																17	17	17	44
6/ 5	.2	2.2																21	21	20	11
4/ 3	.3	.7																9	9	23	16
2/ 1	.1	1.4																13	13	12	14
0/ -1	1.6																	14	14	17	18
-2/ -3	.9	.6																13	13	13	20
-4/ -5	.9	.5																12	12	10	13

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 2 1200-1400 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7	.7	.2																8	P	6	11
-8/ -9	.6																	5	5	7	19
-10/-11																					9
-12/-13																					9
-14/-15																					8
-16/-17																					5
-18/-19																					4
-22/-23																					3
TOTAL	15.6	39.2	17.4	12.8	8.3	4.0	2.0	.8										870	873	670	870

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4172936	58570	67.3	16.265	870							
Dry Bulb	774939	22743	26.1	4.465	873	5.4	57.2					90
Wet Bulb	587907	19947	22.9	2.258	870	5.7	69.1					90
Dew Point	349217	13789	15.8	2.262	870	12.3	86.9					90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
66/ 65										.1								1	1		
64/ 63								.1										1	1		
60/ 59							.1											1	1		
58/ 57						.1	.1	.2										4	4		
56/ 55						.1	.2											3	3		
54/ 53						.5	.3											7	7		
52/ 51				.1	.2	.2	.3	.2										10	10		
50/ 49				.2	.6	.3	.1	.1										12	12	2	
48/ 47			.2	.1	.6	.3	.1											12	12	2	
46/ 45		.2		1.0	.9	.8												26	26	7	
44/ 43			.1	.5	.5	.6	.3											17	17	16	
42/ 41			.1	.7	1.6	.6												26	26	13	
40/ 39	.1	.2	1.0	1.2	.7	.6												34	34	22	6
38/ 37		.2	1.1	3.1	1.1	.1												50	50	25	4
36/ 35	.1	.6	2.2	2.5	1.1													57	57	24	5
34/ 33		1.7	1.6	2.7	.6													58	58	74	13
32/ 31		2.7	3.9	1.2	.1													70	70	66	29
30/ 29	1.5	1.6	1.6	.7														47	48	98	38
28/ 27	1.1	1.5	1.0	.3														35	35	69	76
26/ 25	1.0	1.7	.6	.1														30	30	47	61
24/ 23	1.0	2.4	1.1															40	40	39	54
22/ 21	.5	2.5	.5															30	30	43	63
20/ 19	.8	4.2	.1															45	45	47	48
18/ 17	1.1	2.9	.7															42	42	49	58
16/ 15	.6	1.8	.1															22	22	29	71
14/ 13	.9	2.7	.3															35	35	27	74
12/ 11	.8	2.4	.1															29	29	29	36
10/ 9	.3	1.8	.2															21	21	21	45
8/ 7	.3	1.5																16	16	22	30
6/ 5		1.7																15	15	14	13
4/ 3	.2	2.9																28	28	26	14
2/ 1	.1	1.2																12	12	23	15
0/ -1	1.4	.1																13	13	15	18
-2/ -3	.9	.2																10	10	10	22

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	NOV

PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5	.5	.8																	12	12	9	20
-6/ -7	.7	.3																	9	9	9	13
-8/ -9	.2																		2	2	5	18
-10/-11																						16
-12/-13																						6
-14/-15																						4
-16/-17																						5
-18/-19																						2
-20/-21																						1
-22/-23																						3
TOTAL	14.3	40.3	16.6	14.5	7.9	4.2	1.7	.7		.1									882.	883	882.	882

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4154189	58771	66.6	16.438	882							
Dry Bulb	773848	22928	26.0	14.226	883	4.7	57.5					90
Wet Bulb	585148	20072	22.8	12.071	882	4.9	71.1					90
Dew Point	341562	13654	15.5	12.156	882	13.2	87.1					90

USAFETAC FORM 0 26 3 OLA PREV. EDITIONS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	NOV

PAGE 1 1800-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51					.1	.2												3	3			
50/ 49					.2	.2		.1										5	5			
49/ 47				.2	.2		.1											5	5			
48/ 45		.1		.1	.2	.5												14	14			
44/ 43		.2	.1	.6	.9		.1											17	17	4		
42/ 41		.1	.7	1.2			.1											18	18	6		
40/ 39		.2	.5	.9		.2												16	16	8	3	
38/ 37	.2	.2	.9	1.0	.3													24	24	23	4	
36/ 35	.1	.5	1.4	1.4	.5													33	33	32	2	
34/ 33	.2	1.3	2.0	1.3	.8													48	48	32	10	
32/ 31	.8	3.4	4.6	1.7														91	91	44	34	
30/ 29	1.2	3.9	2.4	.7	.1													72	72	77	53	
28/ 27	1.6	2.7	3.1	.3														67	67	94	52	
26/ 25	1.3	1.9	.8															34	34	75	70	
24/ 23	.8	2.5	.5															33	33	48	61	
22/ 21	2.0	1.7	.8															39	39	56	42	
20/ 19	1.3	3.6	.2															44	45	41	66	
18/ 17	1.3	2.5																33	33	47	46	
16/ 15	1.2	1.7																25	25	30	58	
14/ 13	.9	3.6																39	39	26	79	
12/ 11	.8	1.3																18	18	26	39	
10/ 9	1.9	2.2																35	35	28	47	
8/ 7	1.7	1.4																27	27	29	31	
6/ 5	.3	1.6																17	17	16	20	
4/ 3	.7	1.5																19	19	25	14	
2/ 1	.1	1.0																10	10	14	15	
0/ -1	2.1	.2																20	20	21	18	
-2/ -3	1.3																	11	11	13	14	
-4/ -5	1.4	.2																14	14	12	20	
-6/ -7	1.4																	12	12	14	8	
-8/ -9	1.5																	13	13	13	19	
-10/ -11	.6																	5	5	5	19	
-12/ -13	.2																	2	2	2	11	
-14/ -15																						9

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 2 1600-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17																						7
-18/-19																						5
-20/-21																						4
-22/-23																						3
TOTAL	26.	93	9.7	18.1	9.5	4.2	1.2	.3	.1										863.	864	863.	863

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	478817	63035	73.0	4.607	863							
Dry Bulb	589458	19278	22.3	3.587	864	8.0	70.9					90
Wet Bulb	478890	17422	20.2	2.147	863	8.3	78.8					90
Dew Point	317774	12454	14.4	2.655	863	14.3	88.0					90

USAFETAC FORM JUN 71 0-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
NOV — MONTH
PAGE 1 — 2100-2700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28-29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53						.1													1	1			
52/ 51					.2														2	2			
48/ 47					.1														1	1			
46/ 45				.5	.5														8	8	1		
44/ 43			.1	.2	.2	.2													7	7	2		
42/ 41			.1	1.2	.2	.1													15	15	4		
40/ 39		.2	.1	.9	.2	.1													14	14	7		
38/ 37		.5	.7	.9	.3														21	21	10	2	
36/ 35	.1	1.0	1.2	.5	.3														28	28	21	3	
34/ 33	.3	1.2	2.0	.7	.1														39	39	35	10	
32/ 31	1.2	2.7	3.0	1.6															76	76	53	31	
30/ 29	1.4	4.4	2.3	.2															73	73	71	32	
28/ 27	.9	4.1	2.0	.1															63	63	65	42	
26/ 25	1.8	3.5	1.2	.1															59	59	84	65	
24/ 23	1.4	2.6	.9																43	43	57	56	
22/ 21	1.7	3.8	.7																55	55	70	48	
20/ 19	1.7	3.2	.2																45	45	50	75	
18/ 17	.8	3.4																	37	37	54	63	
16/ 15	1.2	1.8																	27	27	76	43	
14/ 13	1.6	2.5																	36	36	29	85	
12/ 11	.9	1.8																	24	24	74	47	
10/ 9	2.5	1.1																	32	32	39	42	
8/ 7	.5	2.3																	24	24	15	35	
6/ 5	.8	1.6																	21	21	24	21	
4/ 3	.6	1.0																	14	14	18	11	
2/ 1	1.0	1.8																	25	25	23	13	
0/ -1	2.1																		19	19	28	25	
-2/ -3	1.4																		12	12	12	12	
-4/ -5	2.3																		20	20	20	23	
-6/ -7	1.0																		9	9	9	25	
-8/ -9	1.5																		13	13	13	11	
-10/-11	1.5																		13	13	13	10	
-12/-13	.5																		4	4	4	13	
-14/-15	.5																		4	4	4	8	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	[illegible]
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PAGE 2 2100-2300 (HOURS)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17	.2																	2	2	2	10
-18/-19																					9
-20/-21																					10
-22/-23																					5
-24/-25																					1
TOTAL	31.2	44.5	14.7	6.9	2.3	.6													886		886
																		886		886	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5254733	67251	75.9	13.024	886
Dry Bulb	524376	17896	20.2	13.567	886
Wet Bulb	440406	16420	18.5	12.401	886
Dew Point	309938	11906	13.4	13.017	886

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb	9.8	76.2					90
Wet Bulb	10.7	82.2					90
Dew Point	16.5	88.5					90

USAFETAC FORM JUN 71 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
NOV — MONTH
PAGE 1
ALL — HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
66/ 65										.0								1	1		
64/ 63								.0										1	1		
62/ 61								.0										1	1		
60/ 59							.0	.0										2	2		
58/ 57						.0	.0	.1										7	7		
56/ 55					.0	.0	.1	.0										9	9		
54/ 53						.1	.1											15	15		
52/ 51				.0	.2	.1	.1	.0										28	28		
50/ 49				.1	.2	.2	.0	.0										39	39	2	
48/ 47			.1	.1	.2	.1	.0											34	34	6	
46/ 45		.0	.0	.5	.4	.3	.1	.0										95	95	15	
44/ 43		.0	.1	.4	.3	.2	.1											84	84	48	
42/ 41		.1	.4	.7	.5	.2	.0											130	130	47	
40/ 39	.0	.2	.6	.8	.5	.2												151	151	71	12
38/ 37	.0	.2	1.0	1.3	.6	.0												214	214	125	17
36/ 35	.0	.7	1.5	1.3	.4													268	268	160	30
34/ 33	.3	1.6	1.7	1.2	.3													349	349	369	77
32/ 31	.8	2.8	3.4	.9	.0													555	555	416	284
30/ 29	1.2	2.7	1.9	.4	.0													431	433	529	260
28/ 27	1.3	3.1	2.2	.2														474	474	548	375
26/ 25	1.7	3.4	.8	.0														412	412	534	431
24/ 23	1.3	3.4	.5															367	368	484	482
22/ 21	1.3	3.2	.4															340	340	505	436
20/ 19	1.3	3.0	.2															316	317	336	520
18/ 17	1.6	3.0	.1															328	328	387	481
16/ 15	1.7	2.2	.0															270	270	293	493
14/ 13	1.8	3.4	.1															367	367	295	584
12/ 11	.8	1.6	.0															174	174	215	319
10/ 9	1.6	1.5	.1															217	219	223	363
8/ 7	.9	1.5																168	168	155	224
6/ 5	.7	1.8																176	176	163	168
4/ 3	.9	1.5																168	168	211	115
2/ 1	.5	1.4																135	135	155	136
0/ -1	1.7	.1																124	124	154	144

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
NOV — MONTH
PAGE 2
ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3	1.1	.2																91	91	95	155
-4/ -5	1.9	.2																150	150	143	169
-6/ -7	1.0	.1																76	76	78	118
-8/ -9	1.2																	84	84	89	122
-10/-11	.8																	54	54	54	96
-12/-13	.6																	45	45	45	76
-14/-15	.3																	19	19	19	66
-16/-17	.2																	15	15	15	73
-18/-19	.0																	3	3	3	52
-20/-21	.1																	8	8	8	46
-22/-23	.1																	5	5	5	51
-24/-25																					9
-26/-27																					8
-28/-29																					5
-30/-31																					2
-32/-33																					1
TOTAL	28.5	43.0	14.9	7.9	3.6	1.3	.5	.2		.0								7000	7006	7000	7000

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	40021517	519663	74.2	4.359	7000
Dry Bulb	4572063	149315	21.3	4.085	7006
Wet Bulb	3730161	135413	19.3	2.597	7000
Dew Point	2523581	96981	13.9	2.984	7000

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	69.3	573.2					720
Wet Bulb	72.8	633.3					720
Dew Point	122.7	706.0					720

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 1 0000-0200 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
42/ 41			.1															1	1		
40/ 39			.4															4	4		
38/ 37			.3															3	3	3	
36/ 35	.3	.2	.1															6	6	5	3
34/ 33		.3	.3	.1														7	7	8	3
32/ 31	.1	1.2	.3	.2														17	17	6	3
30/ 29		1.2	.4															15	15	13	8
28/ 27	.3	1.7	1.0															27	27	21	14
26/ 25	.7	1.1	.6															21	21	23	10
24/ 23	.6	2.4	.4															31	31	23	21
22/ 21	1.0	2.8	.1															35	35	51	16
20/ 19	.7	1.7																21	21	34	18
18/ 17	1.9	3.3																47	47	43	34
16/ 15	1.9	2.3																38	39	35	47
14/ 13	2.2	4.1																57	57	46	71
12/ 11	1.9	2.9																43	43	40	33
10/ 9	4.8	3.1																71	71	69	61
8/ 7	2.4	1.8																38	38	49	34
6/ 5	1.7	2.9																41	41	29	48
4/ 3	1.4	2.4																35	35	60	34
2/ 1	1.6	2.4																36	36	32	36
0/ -1	3.1	.3																31	32	32	31
-2/ -3	4.7	.1																43	43	46	38
-4/ -5	3.3	.1																31	31	31	40
-6/ -7	1.4																	13	13	13	26
-8/ -9	3.3																	30	30	30	39
-10/-11	2.3																	21	21	21	21
-12/-13	2.8																	25	25	25	12
-14/-15	1.2																	11	11	11	14
-16/-17	1.8																	16	16	16	28
-18/-19	.9																	8	8	8	13
-20/-21	1.3																	12	12	12	20
-22/-23	2.8																	25	25	25	26
-24/-25	1.3																	12	12	12	11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	DEC

PAGE 2 0000-0200 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-26/-27	.8																	7	7	7	16
-28/-29	.4																	4	4	4	16
-30/-31	.7																	6	6	6	11
-32/-33	.4																	4	4	4	8
-34/-35	.2																	2	2	2	10
-36/-37	.4																	4	4	4	7
-38/-39	.2																	2	2	2	4
-40/-41																			2		8
-42/-43																					6
-44/-45																					1
-46/-47																					1
TOTAL	56.9	38.5	4.2	.3															905		901
																		901		901	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5433942	69322	76.9	10.561	901							
Dry Bulb	258355	5165	5.7	15.912	905	31.9	90.8					93
Wet Bulb	234667	4697	5.2	15.282	901	32.1	91.3					93
Dew Point	259672	70	.1	16.986	901	42.0	92.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 1 2300-0500 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
42/ 41			.3															3	3		
38/ 37			.2	.1														3	3	3	
36/ 35	.1	.1	.3															5	5	1	1
34/ 33	.2	.1	.3															6	6	7	5
32/ 31		1.0	.3	.3														15	15	12	1
30/ 29	.3	.8	.6															15	15	10	5
28/ 27	.2	1.7	.6															22	23	18	18
26/ 25	.3	1.9	.2															22	22	18	8
24/ 23	.4	1.4	.4															21	21	26	15
22/ 21	1.3	2.9	.3															41	41	38	14
20/ 19	1.9	1.7	.1															33	33	47	28
18/ 17	1.7	2.8																40	40	42	41
16/ 15	2.4	2.1																41	41	40	33
14/ 13	3.1	3.7																61	61	48	62
12/ 11	1.6	2.4																36	36	34	43
10/ 9	3.1	3.0																55	55	54	53
8/ 7	2.6	2.4																45	45	6	33
6/ 5	2.4	1.4																35	35	45	41
4/ 3	3.0	3.0																54	54	61	46
2/ 1	2.1	1.3																31	31	34	42
0/ -1	2.7																	24	24	25	27
-2/ -3	3.8	.1																35	35	35	46
-4/ -5	5.3	.4																52	52	49	36
-6/ -7	1.8	.1																17	17	20	14
-8/ -9	3.4																	31	31	31	37
-10/-11	2.2																	20	20	20	25
-12/-13	1.8																	16	16	16	19
-14/-15	1.2																	11	11	11	18
-16/-17	1.7																	15	15	15	21
-18/-19	1.2																	11	11	11	22
-20/-21	1.1																	10	10	10	13
-22/-23	2.4																	22	22	22	22
-24/-25	1.6																	14	14	14	18
-26/-27	1.9																	17	17	17	10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 3 JUN 71 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 7 0300-0500 (HOURS LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	.9																	8	8	8	12
-30/-31	.2																	2	2	2	14
-32/-33	.3																	3	3	3	18
-34/-35	.4																	4	4	4	11
-36/-37	.2																	2	2	2	13
-38/-39	.3																	3	3	3	3
-40/-41																			2		5
-42/-43																			2		5
-46/-47																					3
TOTAL	61.4	34.4	3.8	.4															906		901
																		901		901	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5426123	69221	76.8	10.959	901							
Dry Bulb	257939	4517	5.0	16.129	906	33.0	91.3					93
Wet Bulb	231849	4167	4.6	15.369	901	32.8	91.9					93
Dew Point	264569	-513	-.6	17.136	901	42.5	92.4					93

USAFETAC FORM JUN 71 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1 — 0600-0800 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
44/ 43		.1																1	1		
42/ 41		.2																2	2	1	
40/ 39			.2															2	2	2	1
38/ 37																					1
36/ 35	.1		.2															3	3	3	2
34/ 33	.1	.2	.8															10	10	2	1
32/ 31	.2	.7	.4	.1														13	13	12	2
30/ 29	.2	1.2	.3															16	16	12	5
28/ 27	.6	1.7	.3															23	23	21	11
26/ 25	.7	1.6	.3															23	23	20	20
24/ 23	.1	2.6	.2															26	26	21	15
22/ 21	1.1	2.1	.1															30	30	39	12
20/ 19	2.9	.8																33	33	42	34
18/ 17	2.2	2.6																43	43	44	42
16/ 15	1.9	2.1																36	36	39	36
14/ 13	3.4	3.6																63	63	46	50
12/ 11	1.2	1.3																23	23	33	39
10/ 9	3.1	2.3																49	49	45	44
8/ 7	2.3	2.6																44	44	39	27
6/ 5	2.4	2.6																45	45	45	43
4/ 3	2.1	3.0																46	46	52	47
2/ 1	1.8	3.0																43	43	41	36
0/ -1	2.7	.2																26	26	29	36
-2/ -3	2.7																	24	24	26	31
-4/ -5	6.3	.2																59	59	57	52
-6/ -7	3.1																	28	28	30	19
-8/ -9	2.6																	23	23	23	32
-10/-11	2.6																	23	23	23	24
-12/-13	2.7																	24	24	24	24
-14/-15	1.4																	13	13	13	22
-16/-17	1.6																	14	14	14	20
-18/-19	1.2																	11	11	11	24
-20/-21	1.1																	10	10	10	17
-22/-23	2.0																	18	18	18	25

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711[illegible]0 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 2 — 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	.9																	8	9	8	11
-26/-27	2.0																	18	19	16	18
-28/-29	1.3																	12	12	12	10
-30/-31	.7																	6	6	6	8
-32/-33	.2																	2	2	2	12
-34/-35	.6																	5	5	5	13
-36/-37	.1																	1	1	1	13
-38/-39	.1																	1	1	1	10
-40/-41	.1																	1	5	1	6
-42/-43																			1		4
-44/-45																					1
-46/-47																					1
TOTAL	62.4	34.5	3.0	.1															908		901
																		901		901	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≥0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5485087	696[illegible]7	77.3	10.933	901							
Dry Bulb	258062	4024	4.4	6.275	908	34.2	91.2					93
Wet Bulb	231824	3828	4.2	5.476	901	34.3	92.2					93
Dew Point	269469	-755	-.8	7.283	901	44.7	92.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1 2900-1100 — HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41		.2		.1	.1													4	4		
40/ 39	.1	.1		.1														3	3	3	3
38/ 37		.1	.1															2	2	1	
36/ 35		.6	.1															6	6	4	1
34/ 33		.4	.6															9	9	6	2
32/ 31	.3	.4	1.2															18	18	12	6
30/ 29		1.0	.8															16	16	14	3
28/ 27	.9	1.6	.3															25	25	19	13
26/ 25	.9	1.1	.1															19	19	29	20
24/ 23	.6	.7	.7															17	17	18	15
22/ 21	1.7	2.4	.3															39	39	34	17
20/ 19	1.5	1.9																30	30	41	32
18/ 17	1.9	1.7																32	32	36	33
16/ 15	3.3	2.4																50	50	48	37
14/ 13	1.9	3.1																45	45	31	57
12/ 11	2.0	2.0																36	36	40	28
10/ 9	3.4	1.9																47	48	49	52
8/ 7	3.1	4.2																65	65	46	33
6/ 5	1.2	3.3																40	40	47	38
4/ 3	.6	4.0																41	41	56	35
2/ 1	1.2	2.1																30	31	39	38
0/ -1	3.5																	31	31	32	28
-2/ -3	4.0	.4																40	40	40	42
-4/ -5	4.6	.6																46	46	43	57
-6/ -7	1.8	.3																19	19	21	26
-8/ -9	3.4																	30	30	31	24
-10/-11	1.7																	15	15	15	20
-12/-13	2.8																	25	25	25	22
-14/-15	1.8																	16	16	16	22
-16/-17	1.2																	11	11	11	23
-18/-19	1.3																	12	12	12	17
-20/-21	1.8																	16	16	16	23
-22/-23	1.5																	13	13	13	23
-24/-25	1.2																	11	12	11	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 2 — 2000-1100

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry B.	Wet B.	Dew Point
-26/-27	.8																	7	8	7	7	11
-28/-29	1.3																	12	12	12	12	16
-30/-31	.2																	2	2	2	2	8
-32/-33	.2																	2	2	2	2	9
-34/-35	.2																	2	2	2	2	9
-36/-37	.4																	4	4	4	4	5
-38/-39	.1																	1	1	1	1	10
-40/-41	.1																	1	2	1	1	3
-42/-43																			1			3
-44/-45																						4
TOTAL	58.6	36.6	4.3	.2	.1													896		890		893
																		890				

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5296894	67944	76.3	11.221	890							
Dry Bulb	252239	4829	5.4	5.898	896	33.2	92.5					93
Wet Bulb	228614	4432	5.0	5.242	890	33.1	91.5					93
Dew Point	259758	-292	-.3	7.090	890	44.6	92.4					93

USAFETAC FORM 0 26 3 JUN 71 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7212[illegible] — STATION
COLD LAKE ARPT CN — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4[illegible] / 4[illegible]		.2																2	2			
4[illegible] / 4[illegible]		.1	.3															4	4	2		
4[illegible] / 4[illegible]				.2														2	2	1	2	
4[illegible] / 3[illegible]			.1	.7														7	7	3	1	
3[illegible] / 3[illegible]		.1	.4	.1														6	6			
3[illegible] / 3[illegible]		.3	1.1															13	13	5	3	
3[illegible] / 3[illegible]		.3	.7	.1														10	10	17		
3[illegible] / 3[illegible]		.3	1.1															13	13	15	2	
[illegible] / 29	.2	1.7	1.2	.2														30	30	13	12	
[illegible] / 27	.4	2.0	1.6	.1														37	37	29	13	
2[illegible] / 25	.4	1.7	.8															26	26	31	30	
2[illegible] / 23	.4	3.5	.9															43	44	36	17	
22 / 21	.9	1.8	.1															25	25	51	29	
[illegible] / 19	2.[illegible]	3.5	.4															53	53	56	31	
1[illegible] / 17	1.[illegible]	2.8	.1															35	35	43	52	
1[illegible] / 15	1.7	2.8																40	40	38	42	
14 / 13	1.2	4.6																52	52	34	61	
1[illegible] / 11	1.2	3.6	.1															44	45	49	36	
1[illegible] / [illegible]	1.6	5.7																65	65	45	49	
[illegible] / 7	.8	4.9	.1															52	52	55	36	
[illegible] / 5	.3	2.0																21	22	44	37	
[illegible] / 3	.8	3.6																39	39	49	39	
[illegible] / 1	.1	2.5																23	23	25	33	
[illegible] / -1	3.9	.1																36	36	38	34	
-[illegible] / -3	1.9	.7																23	23	32	34	
-[illegible] / -5	2.3	.9																29	29	29	42	
-[illegible] / -7	1.7	.2																17	17	18	27	
-[illegible] / -9	3.5																	31	31	32	22	
1[illegible] / -11	2.5																	26	26	26	23	
1[illegible] / -13	1.9																	17	17	17	14	
14 / -15	1.6																	14	14	14	15	
1[illegible] / -17	1.8																	16	16	16	17	
1[illegible] / -19	.8																	8	8	8	24	
[illegible] / -21	1.0																	9	9	9	26	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 COLD LAKE APT CN 73-82 DEC

STATION STATION NAME YEARS MONTH

PAGE 2 1400-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB	TOTAL WB	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
-22/-23	1.7																			15	15	34
-24/-25	.4																			4	4	10
-26/-27	.3																			3	3	5
-28/-29	.1																			1	1	10
-30/-31	.2																			2	2	9
-32/-33	.1																			1	1	6
-34/-35																						3
-36/-37	.1																			1	1	1
-38/-39																						5
-40/-41																						1
-42/-43																						1
TOTAL	39.6	49.8	9.2	1.5														898		895		895

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4932204	65716	73.4	10.938	895							
Dry Bulb	237347	8433	9.4	15.233	898	26.2	88.4					93
Wet Bulb	251746	7530	8.4	14.517	895	26.6	90.1					93
Dew Point	241179	2211	2.5	16.238	895	38.7	92.4					93

USAFETAC FORM NO. 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) JFC

PAGE 1 1500-1700

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
49/ 47			.2	.1														3	3			
48/ 45			.1															1	1			
44/ 43			.1															1	1	2		
42/ 41			.1															1	1	2		
40/ 39			.1	.3	.1													5	5	4		
38/ 37		.2	.7	.4														12	12	1	3	
36/ 35		.6	1.0	.2														16	16	3	2	
34/ 33	.1	.1	.9	.1														11	11	22	2	
32/ 31	.1	.8	1.3															20	20	17	7	
30/ 29		.9	1.1	.1														19	19	14	9	
28/ 27	.4	3.2	2.9															59	59	24	15	
26/ 25	.7	2.4	1.1															38	38	47	24	
24/ 23	.7	3.0	.3															36	36	55	26	
22/ 21	1.1	2.3	.2															33	33	53	36	
20/ 19	1.3	2.5	.4															39	39	36	38	
18/ 17	.8	3.5																39	39	49	39	
16/ 15	1.1	2.4																32	32	32	49	
14/ 13	1.8	4.9																60	60	43	67	
12/ 11	.9	3.8																42	42	42	40	
10/ 9	.9	4.7																51	51	44	47	
8/ 7	.9	4.5																49	49	43	37	
6/ 5	.4	3.8																38	38	47	33	
4/ 3	.6	3.8																39	39	59	46	
2/ 1	.2	3.2																31	31	36	37	
0/ -1	2.6	.2																26	26	27	39	
-2/ -3	2.2	.2																22	22	23	37	
-4/ -5	2.0	1.0																27	27	25	47	
-6/ -7	1.2	.1																12	12	14	22	
-8/ -9	3.4																	31	31	32	28	
-10/-11	3.1																	28	28	28	13	
-12/-13	2.2																	20	20	20	11	
-14/-15	1.2																	11	11	11	17	
-16/-17	1.1																	10	10	10	20	
-18/-19	1.3																	12	12	12	19	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 OL A JUN 77 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71120D — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 2 — 1500-1700 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-1/-21	1.1																	10	10	10	18
-22/-23	1.5																	14	14	14	33
-24/-25	.2																	2	2	2	18
-26/-27	.2																	2	2	2	17
-28/-29	.3																	3	3	3	7
-30/-31	.1																	1	1	1	7
-32/-33																					8
-34/-35																					2
-36/-37																					4
-38/-39																					1
-40/-41																					1
TOTAL	35.9	52.1	10.6	1.3	.1														906		906
																		906		906	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4929768	66126	73.0	10.691	906							
Dry Bulb	306241	9299	10.3	5.262	906	23.7	87.9					93
Wet Bulb	266368	8342	9.2	4.473	906	24.0	89.8					93
Dew Point	246378	2904	3.2	6.185	906	37.9	92.3					93

USAFETAC FORM 0 26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711230	COLD LAKE APT CN	73-82	DEC

PAGE 1 HOURS 1600-2000

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43			.2															2	2		
42/ 41			.1															1	1		
40/ 39																				2	
38/ 37		.1	.2	.1														4	4	1	
36/ 35		.3	.6															8	8	1	1
34/ 33	.1	.8	.4	.1														13	13	10	3
32/ 31	.4	.3	.9															15	15	16	9
30/ 29	.1	1.1	.3	.1														15	15	12	6
28/ 27	.1	2.2	1.0															30	30	15	13
26/ 25	1.9	3.7	.3															53	53	43	17
24/ 23	.2	2.4	.3															27	27	42	20
22/ 21	.9	2.8	.4															37	37	41	30
20/ 19	1.7	3.0																42	42	53	32
18/ 17	.9	4.1																45	45	50	37
16/ 15	1.4	1.7																28	28	26	42
14/ 13	2.8	4.6																66	66	46	80
12/ 11	1.2	3.2																40	40	50	37
10/ 9	2.1	1.8																35	35	39	53
8/ 7	1.7	3.9																50	50	30	43
6/ 5	.8	4.1																44	44	48	28
4/ 3	1.1	4.3																49	49	71	16
2/ 1	.6	2.4																27	27	33	36
0/ -1	3.4																	31	31	33	44
-2/ -3	3.0	.2																29	29	29	25
-4/ -5	4.0	.7																42	42	40	61
-6/ -7	1.2																	11	11	13	27
-8/ -9	2.3																	21	21	21	26
-10/-11	2.1																	19	19	19	20
-12/-13	2.2																	20	20	20	19
-14/-15	2.8																	25	25	25	15
-16/-17	1.2																	11	11	11	19
-18/-19	1.4																	13	13	13	16
-20/-21	1.4																	13	13	13	14
-22/-23	1.7																	15	15	15	31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0 26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 2 1600-2000 (HOURS LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	.9																	8	8	8	19
-26/-27	.3																	3	3	3	23
-28/-29	.2																	2	2	2	9
-30/-31	.6																	5	5	5	5
-32/-33	.1																	1	1	1	7
-34/-35	.1																	1	1	1	11
-36/-37																					1
-38/-39																					4
-40/-41																					5
TOTAL	47.1	47.7	4.9	.3															901		901
																		901		901	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5266699	68221	75.7	10.605	901							
Dry Bulb	263925	7153	7.9	15.171	901	27.9	90.1					93
Wet Bulb	238271	6469	7.2	14.599	901	28.1	91.6					93
Dew Point	244120	1616	1.8	16.371	901	41.1	92.6					93

USAFETAC FORM JUN 71 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1 2100-2300

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.3	.1															4	4		
38/ 37			.2																2	2	3	
36/ 35		.1	.2	.1															4	4	1	
34/ 33	.2	.8	.6																14	14	7	5
32/ 31		.3	.6																8	8	15	1
30/ 29	.4	1.1	.7	.2															22	22	7	6
28/ 27	.1	2.6	.9																33	33	17	17
26/ 25	.9	1.9	.1																26	26	45	7
24/ 23	.6	1.4	.2																20	20	22	20
22/ 21	1.1	2.0	.2																30	30	37	21
20/ 19	1.2	2.8																	36	36	37	36
18/ 17	2.3	3.1																	49	49	49	30
16/ 15	2.2	2.0																	38	38	39	45
14/ 13	3.0	4.1																	64	64	50	72
12/ 11	1.3	3.5																	44	44	44	44
10/ 9	2.4	1.9																	39	39	45	48
8/ 7	2.1	4.1																	56	56	37	38
6/ 5	1.5	3.7																	48	49	49	29
4/ 3	.9	3.9																	43	43	72	32
2/ 1	1.2	2.2																	31	31	29	44
0/ -1	2.9	.1																	27	27	32	33
-2/ -3	3.1	.1																	29	29	30	44
-4/ -5	4.3	.7																	45	45	42	48
-6/ -7	2.4																		22	22	25	18
-8/ -9	2.5																		23	23	23	39
-10/ -11	2.2																		20	21	20	19
-12/ -13	1.7																		15	15	15	18
-14/ -15	1.5																		14	14	14	16
-16/ -17	2.6																		24	24	24	17
-18/ -19	1.4																		13	13	13	25
-20/ -21	1.0																		9	9	9	11
-22/ -23	2.4																		22	22	22	24
-24/ -25	1.1																		10	10	10	19
-26/ -27	.4																		4	4	4	23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 3 JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71120 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 2 2100-2300 (HOURS L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-26/-29	.7																		6	6	6	11
-30/-31	.2																		2	2	2	10
-32/-33	.2																		2	2	2	10
-34/-35	.8																		7	7	7	7
-36/-37	.1																		1	1	1	4
-38/-39	.1																		1	1	1	3
-40/-41																						5
-42/-43																						6
-44/-45																						2
TOTAL	53.3	42.3	4.0	.4																909		907
																		907			907	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5441109	69623	76.8	10.332	907							
Dry Bulb	254234	5684	6.3	5.519	909	30.4	90.5					93
Wet Bulb	232641	5101	5.6	5.004	907	31.0	91.9					93
Dew Point	250972	438	.5	6.637	907	42.2	92.5					93

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
DEC — MONTH

PAGE 1
ALL — HOURS (LST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																						
48/ 47			.0	.0															3	3		
46/ 45		.0	.0																3	3		
44/ 43		.0	.1																8	8	4	
42/ 41		.1	.1	.1	.0														18	18	4	2
40/ 39	.0	.0	.1	.1	.0														21	21	11	5
38/ 37		.1	.3	.1															32	32	12	4
36/ 35	.1	.3	.5	.0															61	61	23	13
34/ 33	.1	.4	.6	.1															80	80	79	21
32/ 31	.2	.6	.8	.1															119	119	103	31
30/ 29	.2	1.1	.7	.1															148	148	95	54
28/ 27	.4	2.1	1.1	.0															256	257	164	114
26/ 25	.8	1.9	.4																228	228	256	136
24/ 23	.4	2.2	.4																221	222	242	149
22/ 21	1.1	2.4	.2																270	270	344	175
20/ 19	1.6	2.2	.1																287	287	346	249
18/ 17	1.6	3.0	.0																330	330	356	306
16/ 15	2.0	2.2																	303	304	297	331
14/ 13	2.4	4.1																	468	468	344	520
12/ 11	1.4	2.8	.0																306	309	332	300
10/ 9	2.7	3.1																	12	413	390	407
8/ 7	2.0	3.5	.0																399	399	345	281
6/ 5	1.4	3.0																	312	314	354	297
4/ 3	1.3	3.5																	346	346	490	275
2/ 1	1.1	2.4																	252	253	269	302
0/ -1	3.1	.1																	232	233	248	272
-2/ -3	3.2	.2																	245	245	251	297
-4/ -5	4.0	.6																	331	331	316	383
-6/ -7	1.8	.1																	139	139	154	179
-8/ -9	3.1																		220	220	223	247
-10/ -11	2.4																		172	173	172	165
-12/ -13	2.2																		162	162	162	139
-14/ -15	1.6																		115	115	115	139
-16/ -17	1.6																		117	117	117	165
-18/ -19	1.2																		88	88	88	160

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 7 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	1.2																	89	89	89	142
-22/-23	2.0																	144	144	144	218
-24/-25	1.0																	69	71	69	118
-26/-27	.8																	61	63	61	140
-28/-29	.7																	48	48	48	91
-30/-31	.4																	26	26	26	72
-32/-33	.2																	15	15	15	78
-34/-35	.3																	21	21	21	66
-36/-37	.2																	13	13	13	47
-38/-39	.1																	8	8	8	40
-40/-41	.0																	2	11	2	34
-42/-43																			4		25
-44/-45																					8
-46/-47																					5
TOTAL	51.9	42.0	5.5	.6	.0														7229		7202
																		7202		7202	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	42213826	545780	75.8	10.888	7202							
Dry Bulb	2138342	49104	6.8	5.802	7229	240.4	720.7					744
Wet Bulb	1915980	44566	6.2	5.092	7202	241.9	730.3					744
Dew Point	2036117	5679	.8	6.797	7202	333.7	739.4					744

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
ALL — MONTH
ALL — HOURS (GMT)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91														.0				1	1		
90/ 89												.0	.0	.0				3	3		
88/ 87									.0	.0	.0	.0	.0	.0	.0	.0		23	23		
86/ 85							.0	.0	.0	.0	.0	.0	.0	.0	.0			93	94		
84/ 83						.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			113	113		
82/ 81						.0	.0	.0	.1	.1	.0	.0	.0	.0				244	244		
80/ 79					.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0			297	298		
78/ 77				.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0				400	400		
76/ 75				.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0				545	545		
74/ 73			.0	.0	.0	.1	.0	.2	.1	.1	.0	.0	.0					812	813	4	
72/ 71			.0	.0	.1	.1	.2	.3	.2	.1	.1	.0	.0					976	976	28	
70/ 69		.0	.0	.1	.2	.1	.4	.2	.2	.1	.1	.0						1186	1187	90	1
68/ 67		.0	.1	.2	.4	.6	.4	.4	.2	.1	.1	.0						2185	2185	207	24
66/ 65		.0	.2	.3	.3	.3	.3	.3	.2	.1	.0							1661	1661	476	55
64/ 63	.0	.2	.3	.4	.4	.4	.4	.3	.2	.1	.0							2258	2259	821	214
62/ 61	.0	.3	.4	.5	.4	.4	.3	.1	.1	.1	.0							2179	2179	1388	412
60/ 59	.1	.5	.5	.6	.4	.3	.2	.2	.1	.0								2367	2397	2169	725
58/ 57	.1	.7	.6	.5	.3	.3	.2	.2	.1	.0								2573	2573	2820	1083
56/ 55	.1	.8	.7	.5	.4	.3	.2	.1	.1	.0								2636	2636	3265	1673
54/ 53	.2	.9	.7	.5	.4	.3	.2	.1	.0									2835	2837	3429	2048
52/ 51	.2	1.0	.7	.5	.4	.3	.2	.1	.0									2871	2873	3672	2598
50/ 49	.4	1.5	1.2	.6	.7	.4	.3	.1	.0									4239	4240	3629	4805
48/ 47	.2	1.0	.7	.4	.5	.3	.1	.0										2511	2512	3431	2926
46/ 45	.2	1.1	.6	.6	.5	.3	.0	.0										2775	2779	3196	3661
44/ 43	.2	.9	.5	.5	.5	.2	.0											2208	2212	3080	2640
42/ 41	.1	.9	.5	.6	.3	.0	.0											2084	2084	2612	2666
40/ 39	.1	.7	.7	.6	.3	.1												2087	2087	2642	2411
38/ 37	.2	.7	.8	.6	.2	.0												2011	2011	2513	2453
36/ 35	.1	.9	.9	.5	.1	.0												2158	2159	2618	2135
34/ 33	.1	1.0	1.0	.4	.1	.0												2269	2273	2978	2185
32/ 31	.3	1.3	1.6	.3	.0													3019	3021	2731	3699
30/ 29	.3	1.2	.7	.2	.0													1988	1992	2552	2601
28/ 27	.4	1.3	.9	.1														2260	2264	2762	3432
26/ 25	.4	1.2	.4	.0														1688	1689	2193	2941

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
711200	COLD LAKE APT CN	73-82	ALL

PAGE 2 — HOURS (L.T.): ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
24/ 23	.3	1.2	.4	.0														1570	1572	1998	2536	
22/ 21	.4	1.1	.2	.0														1511	1511	2135	2549	
20/ 19	.5	1.1	.2	.0														1449	1451	1678	2542	
18/ 17	.4	1.2	.2	.0														1511	1511	1764	2158	
16/ 15	.6	1.0	.1	.0														1357	1359	1447	2141	
14/ 13	.7	1.6	.1															2023	2024	1503	2713	
12/ 11	.4	1.1	.1															1318	1320	1454	1650	
10/ 9	.7	1.0	.0															1471	1479	1572	1942	
8/ 7	.5	1.0	.0															1268	1268	1265	1244	
6/ 5	.4	1.0	.0															1144	1150	1200	1144	
4/ 3	.4	1.0																1215	1218	1595	1711	
2/ 1	.3	.9																1045	1048	1134	1112	
0/ -1	1.0	.1																932	933	1105	1095	
-2/ -3	.9	.2																948	950	995	1080	
-4/ -5	1.2	.4																1311	1311	1216	1468	
-6/ -7	.8	.2																763	763	815	844	
-8/ -9	1.1	.0																923	923	986	991	
-10/-11	.9																	752	754	754	802	
-12/-13	.8																	708	709	708	689	
-14/-15	.7																	548	549	546	767	
-16/-17	.6																	503	503	503	746	
-18/-19	.5																	409	409	409	747	
-20/-21	.5																	395	395	395	714	
-22/-23	.7																	554	554	554	992	
-24/-25	.3																	222	224	222	532	
-26/-27	.3																	214	216	214	552	
-28/-29	.2																	161	161	161	433	
-30/-31	.1																	94	94	94	365	
-32/-33	.1																	60	62	60	272	
-34/-35	.1																	56	59	56	238	
-36/-37	.0																	42	42	42	198	
-38/-39	.0																	28	28	28	139	
-40/-41	.0																	31	40	31	107	
-42/-43	.0																	10	14	10	74	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — YEARS
ALL — MONTH

PAGE 7 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-44/-45	.0																	3	6	3	45
-46/-47																			1		31
-48/-49																					12
-50/-51																					1
TOTAL	19.8	32.2	16.0	9.6	6.8	5.0	3.9	2.9	1.9	1.1	.5	.2	.1	.0	.0	.0			84231		84124
																		84124		84124	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	427893615	5807291	69.0	17.916	84124							
Dry Bulb	155336247	2939579	34.9	25.025	84231	1004.0	3676.6	725.2	267.4	52.4		8760
Wet Bulb	121677224	2602286	30.9	22.125	84124	1028.4	4022.9	34.9	.4			8760
Dew Point	95637635	2078119	24.7	22.948	84124	1445.0	5117.2	2.6				8760

USAFETAC FORM JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 12 0 COLD LAKE APT CN 73-82

GMT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
0-02	MEAN	-.9	5.7	16.9	33.7	45.0	51.6	56.5	52.9	45.5	36.8	19.5	5.7	30.8
	S D	17.567	16.638	13.001	11.396	8.106	5.819	5.045	6.698	6.815	7.882	13.469	15.912	22.756
	TOTAL OBS	889	810	904	855	906	836	883	897	879	897	877	905	10536
3-05	MEAN	-1.5	3.5	14.1	30.9	42.0	49.0	54.0	50.6	43.4	35.4	16.4	5.0	26.7
	S D	17.88	17.008	13.489	11.078	7.861	6.018	4.952	6.566	6.642	7.792	13.426	16.129	22.478
	TOTAL OBS	930	816	916	863	901	842	887	907	881	902	880	906	10601
6-08	MEAN	-2.6	2.4	12.8	32.3	46.0	54.2	57.9	52.8	43.7	34.5	17.6	4.4	29.7
	S D	17.954	17.089	13.623	11.682	8.154	6.110	5.016	6.627	6.651	7.759	13.387	16.275	24.020
	TOTAL OBS	878	800	893	853	890	846	870	890	847	889	870	908	10424
9-11	MEAN	-1.7	6.0	19.4	40.5	54.1	61.4	65.5	60.6	51.8	40.4	20.4	5.4	35.4
	S D	17.537	16.710	13.527	13.260	9.466	7.069	6.211	7.635	8.142	9.188	13.971	15.898	26.214
	TOTAL OBS	884	802	899	855	891	840	873	901	881	903	873	896	10495
12-14	MEAN	3.9	13.0	26.4	45.8	58.3	65.1	69.6	65.4	57.6	47.1	26.1	9.4	40.5
	S D	16.964	16.564	12.906	10.818	10.136	8.061	7.045	8.686	10.053	10.484	14.465	15.233	25.945
	TOTAL OBS	892	816	900	864	892	826	861	885	866	905	873	898	10478
15-17	MEAN	4.9	15.6	28.8	47.3	59.7	66.4	70.7	66.2	58.8	47.7	26.0	10.3	41.8
	S D	16.714	16.608	12.438	13.686	10.245	8.392	7.205	8.935	10.071	10.573	14.226	15.262	25.871
	TOTAL OBS	906	831	906	884	915	834	880	895	873	902	883	906	10617
18-20	MEAN	2.2	11.7	25.5	43.9	57.0	63.6	68.0	62.6	54.0	42.5	22.3	7.9	38.4
	S D	16.880	15.974	11.997	12.951	9.883	7.672	6.680	8.478	8.856	9.552	13.587	15.171	25.470
	TOTAL OBS	889	797	892	861	896	821	861	880	867	908	864	901	10437
21-23	MEAN	.5	8.7	21.0	38.2	50.3	57.0	61.1	56.3	48.6	38.9	20.2	6.3	33.9
	S D	17.304	15.797	12.294	11.411	8.534	6.327	5.499	7.240	7.202	8.376	13.567	15.519	23.699
	TOTAL OBS	910	824	902	873	903	849	888	902	883	912	886	909	10641
ALL HOURS	MEAN	.6	8.3	20.6	39.1	51.6	58.5	62.9	58.4	50.4	40.4	21.3	6.8	34.9
	S D	17.495	17.131	14.075	13.791	11.052	9.275	8.502	9.540	10.014	10.157	14.385	15.802	25.025
	TOTAL OBS	7147	6496	7212	6908	7184	6694	7003	7157	6977	7218	7006	7229	84231

USAFETAC FORM 0 89 S (OLA)

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

LAKE APT ON 73-85

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	-2.4	4.5	15.5	30.1	43.7	48.4	53.6	50.7	43.2	33.9	18.0	5.2	28.6
S.D.	17.023	15.773	12.258	9.676	6.947	4.976	4.605	5.083	5.253	6.731	12.431	15.282	21.552
N	885	810	904	854	906	834	883	896	876	895	877	901	10326
MEAN	-2.0	2.8	13.1	28.3	35.8	45.7	52.1	49.0	41.7	33.0	17.2	4.6	27.1
S.D.	17.328	16.316	12.864	9.778	7.034	5.307	4.746	6.153	6.192	6.814	12.575	15.359	21.499
N	897	815	916	853	900	842	885	906	881	902	879	901	10587
MEAN	-2.0	1.7	11.9	29.2	41.6	50.2	54.7	50.5	41.8	32.4	16.5	4.2	27.7
S.D.	17.326	16.468	13.253	10.008	7.007	4.910	4.340	5.994	6.340	6.927	12.580	15.476	22.610
N	869	796	893	892	879	845	870	889	845	888	870	901	10397
MEAN	-2.0	5.0	17.3	34.0	45.6	53.4	58.2	54.8	47.0	36.5	16.7	5.0	31.3
S.D.	16.516	15.796	12.324	9.999	7.102	4.906	4.462	5.953	6.309	7.361	12.714	15.242	23.275
N	876	802	899	835	889	840	873	900	881	902	873	890	10486
MEAN	0.0	11.0	22.0	37.1	47.2	54.4	59.2	56.4	49.4	39.9	22.9	8.4	34.2
S.D.	16.046	14.987	11.119	9.472	6.839	4.589	4.569	5.986	5.657	7.468	12.258	14.517	21.747
N	870	814	899	864	892	823	861	883	866	905	870	895	10462
MEAN	0.9	13.0	24.3	37.6	47.6	54.7	59.5	56.6	49.7	40.0	22.8	9.2	34.8
S.D.	16.710	14.769	11.460	9.113	6.711	4.935	4.654	5.952	5.776	7.438	12.071	14.473	21.354
N	905	830	915	883	914	834	880	895	873	902	882	905	10609
MEAN	1.0	10.0	22.2	36.0	46.6	53.9	58.8	55.5	47.7	37.1	20.2	7.2	33.0
S.D.	16.034	14.693	10.573	9.130	6.679	4.756	4.650	5.117	5.512	7.177	12.147	14.599	21.651
N	888	797	892	860	895	819	861	879	865	907	863	901	10428
MEAN	-0.0	7.6	18.9	33.0	43.7	51.5	56.4	52.7	45.1	35.1	18.5	5.6	30.7
S.D.	16.056	14.847	11.355	9.030	6.760	4.837	4.547	6.202	6.203	6.859	12.401	15.004	21.750
N	908	824	901	873	903	849	888	899	883	912	886	907	10633
MEAN	0.0	7.0	18.2	33.3	44.0	51.6	56.6	53.3	45.7	36.0	19.3	5.2	30.9
S.D.	16.733	15.924	12.564	10.133	7.548	5.651	5.250	6.649	7.075	7.610	12.597	15.092	22.125
N	7122	6488	7209	6904	7178	6686	7001	7147	6973	7213	7000	7202	84124

USAFETAC (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] GOLD LAKE APT ON 73-82

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	-7.5	-1.5	10.1	23.9	35.2	45.5	51.8	48.8	40.7	29.5	13.2	.1	24.0
	S.D.	17.339	13.642	10.314	8.672	5.477	4.937	6.309	6.758	7.179	13.139	16.986		23.244
	OBS	885	810	904	854	906	834	883	896	878	895	877	901	10526
[illegible]	MEAN	-5.[illegible]	-3.3	6.2	23.1	34.7	44.6	50.5	47.6	39.7	29.2	12.7	-.5	23.2
	S.D.	16.894	16.160	14.476	10.403	8.339	5.632	5.032	6.289	6.638	7.259	13.384	17.145	23.4[illegible]
	OBS	897	815	915	863	900	842	885	906	881	902	879	901	10587
[illegible]	MEAN	-9.[illegible]	-4.3	7.[illegible]	23.7	36.3	46.6	52.2	48.7	39.8	29.0	12.2	-.8	23.5
	S.D.	21.174	15.561	14.915	10.219	8.439	5.316	4.772	6.121	6.673	7.477	13.484	17.303	24.187
	OBS	869	796	893	852	879	845	870	889	845	886	870	901	10397
[illegible]	MEAN	-[illegible]	-1.6	10.[illegible]	25.2	36.1	46.5	52.7	50.2	42.4	31.[illegible]	13.6	-.3	24.9
	S.D.	18.561	17.245	13.682	9.766	9.400	6.081	5.604	6.512	6.561	7.562	13.302	17.094	23.811
	OBS	876	8[illegible]2	899	855	889	840	873	900	881	902	873	890	10482
[illegible]	MEAN	-4.4	2.5	13.4	25.0	35.0	45.3	51.6	49.5	41.7	30.9	15.8	2.5	25.7
	S.D.	18.551	18.056	12.458	9.489	9.586	6.685	6.021	6.836	7.008	7.685	12.262	16.238	21.926
	OBS	8[illegible]	814	899	864	892	823	861	883	866	905	870	895	10462
[illegible]	MEAN	-4.[illegible]	3.8	14.1	24.5	34.4	44.7	51.3	49.1	41.1	30.1	15.5	3.2	25.6
	S.D.	18.117	15.802	11.753	9.514	9.700	6.909	6.386	6.967	7.219	7.876	12.156	16.185	21.487
	OBS	9[illegible]5	830	905	883	914	834	880	895	873	902	882	906	10609
[illegible]	MEAN	-5.4	2.3	13.8	24.6	35.0	45.5	52.1	49.9	41.7	29.9	14.4	1.8	25.4
	S.D.	18.757	15.949	12.324	9.715	9.739	6.692	6.150	6.823	7.189	7.643	12.655	16.371	22.274
	OBS	886	797	892	860	895	819	861	879	866	907	863	901	10428
1-23	MEAN	-6.7	.9	12.3	24.8	35.9	46.8	52.8	49.9	41.4	29.5	13.4	.5	25.1
	S.D.	19.671	16.254	13.079	9.711	9.102	5.767	5.120	6.505	6.834	7.331	13.017	16.637	23.006
	OBS	9[illegible]8	824	901	873	903	849	888	899	883	912	886	907	10633
ALL HOURS	MEAN	-6.[illegible]	-.1	11.2	24.3	35.3	45.7	51.9	49.2	41.1	29.9	13.9	.8	24.7
	S.D.	19.776	17.032	13.580	9.912	9.158	6.144	5.569	6.592	6.916	7.535	12.984	16.797	22.948
	OBS	7123	6488	7209	6904	7178	6686	7001	7147	6973	7213	7[illegible]00	7202	84124

USAFETAC [illegible] 8 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — PERIOD
JAN — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NUMBER OBS
JAN	03-02	100.0	100.0	100.0	99.8	99.3	84.9	48.6	25.0	10.9	72.2	688
	03-05	100.0	100.0	100.0	100.0	99.2	83.6	49.2	24.6	11.8	72.4	677
	06-08	100.0	100.0	100.0	99.9	99.3	84.1	48.4	23.6	11.4	72.0	659
	09-11	100.0	100.0	99.9	99.9	98.5	83.3	47.7	23.7	9.7	71.7	875
	12-14	100.0	100.0	99.9	99.8	95.7	72.6	38.2	17.3	5.5	68.4	89
	15-17	100.0	100.0	100.0	99.1	93.5	68.1	33.6	13.4	4.3	66.6	9[illegible]
	18-20	100.0	100.0	100.0	100.0	97.5	80.0	43.[illegible]	18.9	7.3	70.1	688
	21-23	100.0	100.0	100.0	100.0	98.7	83.4	47.9	23.6	10.4	71.7	9[illegible]8
TOTALS		100.0	100.0	100.0	99.8	97.7	80.0	44.6	21.3	8.9	7[illegible].6	7123

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

2

STATION	STATION NAME	PERIOD	MONTH
2	COLD LAKE APT CN	73-82	FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20%	30%	40%	50%	60%	70%	80%	90		
FEB	3-6	100.0	100.0	100.0	100.0	98.9	87.4	49.6	22.8	6.2	72.2	610
	7-9	100.0	100.0	100.0	99.9	99.7	89.9	53.1	25.2	9.3	73.2	615
	10-8	100.0	100.0	100.0	100.0	99.6	91.7	54.1	24.6	8.9	73.3	706
	9-11	100.0	100.0	100.0	100.0	98.8	83.3	46.9	16.6	5.0	70.7	802
	12-14	100.0	100.0	99.9	99.6	89.8	56.1	23.1	6.4	1.0	63.2	614
	15-17	100.0	100.0	100.0	98.9	79.6	44.2	17.7	4.0	.5	60.2	830
	18-20	100.0	100.0	100.0	99.9	94.0	68.0	28.5	10.0	1.6	65.9	797
	21-23	100.0	100.0	100.0	99.8	97.9	83.4	46.2	15.4	3.5	70.3	624
	TOTALS	100.0	100.0	100.0	99.8	94.7	75.5	39.9	15.6	4.5	68.6	6488

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 1200 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — PERIOD
MAR — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
MAR	00-02	100.0	100.0	100.0	100.0	98.0	87.6	64.2	34.2	9.8	74.9	904
	03-05	100.0	100.0	100.0	100.0	98.6	92.0	72.7	43.6	14.4	77.4	916
	06-08	100.0	100.0	100.0	100.0	99.6	92.2	74.1	43.8	15.3	77.7	893
	09-11	100.0	100.0	100.0	99.6	92.9	72.3	44.7	19.4	5.1	68.8	899
	12-14	100.0	100.0	99.3	93.1	71.4	42.4	18.0	6.7	1.8	58.9	899
	15-17	100.0	100.0	98.8	88.7	59.3	32.2	12.5	5.4	1.0	55.4	905
	18-20	100.0	100.0	100.0	95.1	77.8	53.4	24.2	9.4	2.6	62.0	892
	21-23	100.0	100.0	100.0	99.2	94.1	73.5	45.7	21.4	5.1	69.5	901
TOTALS		100.0	100.0	99.8	97.0	86.5	68.2	44.5	23.0	6.9	68.1	7209

USAFETAC FORM JUL 64 0-87-5 (OL A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
7 1200	COLD LAKE APT CN	73-82	APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	98.8	95.6	86.9	70.6	47.3	26.9	10.1	69.2	854
	03-05	100.0	100.0	99.5	97.7	94.0	83.2	60.4	36.8	11.9	73.9	863
	06-08	100.0	100.0	99.8	97.9	91.2	77.2	54.6	33.3	11.4	72.2	852
	09-11	100.0	99.9	93.1	81.2	61.2	42.6	24.6	12.6	4.1	57.6	855
	12-14	100.0	96.2	80.4	58.6	39.4	25.5	14.0	8.8	3.2	48.2	864
	15-17	100.0	93.3	71.7	49.3	35.0	23.1	11.9	7.7	1.9	45.0	883
	18-20	100.0	96.9	82.8	62.4	45.7	30.2	15.7	9.1	3.0	50.6	860
	21-23	100.0	99.7	96.4	87.5	69.0	48.2	30.1	16.5	6.2	61.1	873
	TOTALS	100.0	98.3	90.3	78.8	65.3	50.1	32.3	19.0	6.5	59.7	6904

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 12 0 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — PERIOD
MAY — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
MAY	00-02	100.0	100.0	99.4	94.2	83.3	69.2	53.0	36.1	16.7	70.8	906
	03-05	100.0	100.0	99.9	97.7	92.4	81.2	67.9	50.6	24.4	76.9	900
	06-08	100.0	100.0	99.9	96.1	85.1	71.0	50.9	33.4	15.4	71.9	879
	09-11	100.0	98.7	89.3	71.7	51.6	33.0	22.3	13.0	5.5	54.0	889
	12-14	100.0	95.5	74.7	49.1	33.5	21.3	14.9	7.4	3.3	45.5	892
	15-17	100.0	91.8	66.2	42.8	29.1	20.5	13.3	6.6	2.6	42.9	914
	18-20	100.0	96.2	74.1	55.3	39.3	27.9	17.3	11.4	3.8	48.1	895
	21-23	100.0	100.0	94.9	82.1	65.0	49.1	35.3	21.5	8.2	61.2	903
TOTALS		100.0	97.8	87.3	73.6	59.9	46.7	34.4	22.5	10.0	58.8	7178

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
7 12 0	COLD LAKE APT CN	73-82	JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JUN	03-02	100.0	100.0	100.0	100.0	97.7	91.6	78.8	55.3	26.1	80.5	834
	03-05	100.0	100.0	100.0	100.0	99.3	96.1	89.8	72.3	39.7	85.3	842
	06-08	100.0	100.0	100.0	100.0	97.5	87.5	71.1	42.7	18.0	77.1	845
	09-11	100.0	100.0	98.8	90.2	69.6	43.2	26.7	12.1	4.6	60.1	840
	12-14	100.0	100.0	92.1	66.8	42.9	28.1	18.3	9.7	3.5	51.6	823
	15-17	100.0	99.5	85.6	58.5	39.2	24.6	15.3	8.2	2.4	48.8	834
	18-20	100.0	99.6	93.5	74.6	52.9	34.9	22.3	9.3	3.8	54.6	819
	21-23	100.0	100.0	100.0	98.7	89.5	69.6	52.1	26.6	11.1	7 .3	849
	TOTALS	100.0	99.9	96.3	86.1	73.6	59.5	46.8	29.5	13.7	66.	6686

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

71120 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.8	98.5	92.3	68.2	30.6	84.6	683
	03-05	100.0	100.0	100.0	100.0	99.9	99.7	96.6	83.1	49.3	88.6	685
	06-08	100.0	100.0	100.0	100.0	99.8	95.5	84.6	56.9	24.6	81.9	67[illegible]
	09-11	100.0	99.9	99.4	97.3	82.8	58.0	34.4	17.[illegible]	5.0	65.0	873
	12-14	100.0	100.0	98.0	83.5	51.2	29.4	17.9	9.2	2.1	54.7	661
	15-17	100.0	100.0	97.0	75.0	42.6	25.9	16.4	9.2	2.0	52.4	88[illegible]
	18-20	100.0	100.0	99.4	89.3	64.7	40.4	23.8	11.4	2.4	58.7	661
	21-23	100.0	100.0	100.0	100.0	98.3	87.8	64.5	32.4	11.0	75.0	688
TOTALS		100.0	100.0	99.2	93.1	79.9	66.9	53.8	35.9	15.9	7[illegible].1	7[illegible]01

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 12 0 — STATION
COLD LAKE APT CN — STATION NAME
73-82 — PERIOD
AUG — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
AUG	00-02	100.0	100.0	100.0	99.8	99.1	98.3	94.4	74.1	40.0	86.4	896
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	97.4	84.4	55.6	89.6	906
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	93.0	72.8	38.4	86.1	889
	09-11	100.0	100.0	100.0	99.2	92.2	73.4	46.3	23.0	9.1	69.7	900
	12-14	100.0	100.0	98.9	89.1	64.3	36.2	22.3	12.7	4.6	58.4	883
	15-17	100.0	100.0	96.9	84.9	55.6	34.4	22.1	10.7	3.6	56.4	895
	18-20	100.0	100.0	99.2	94.3	80.4	59.5	37.4	18.2	7.4	65.2	879
	21-23	100.0	100.0	100.0	100.0	98.3	93.5	80.8	49.6	19.5	79.9	899
TOTALS		100.0	100.0	99.4	95.9	86.2	74.4	61.7	43.2	22.3	74.[illegible]	7147

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 12 0 (STATION) COLD LAKE APT CN (STATION NAME) 73-82 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF O&S
SEP	00-02	100.0	100.0	100.0	99.7	98.6	96.5	87.2	65.6	31.7	83.7	678
	03-05	100.0	100.0	100.0	99.8	99.5	98.8	94.0	78.3	46.7	87.3	681
	06-08	100.0	100.0	100.0	100.0	99.6	98.5	92.8	76.1	40.0	86.6	845
	09-11	100.0	100.0	99.8	98.5	91.9	75.3	54.9	30.1	12.7	72.0	881
	12-14	100.0	100.0	95.7	82.8	60.5	40.3	28.8	14.3	6.8	58.4	866
	15-17	100.0	99.7	93.4	74.5	50.6	35.9	23.5	13.3	6.2	55.4	873
	18-20	100.0	100.0	99.2	93.1	76.9	57.2	39.6	22.2	10.7	65.5	866
	21-23	100.0	100.0	100.0	99.5	96.4	88.6	69.1	42.7	19.3	77.2	883
TOTALS		100.0	100.0	98.5	93.5	84.3	73.9	61.2	42.8	21.8	73.3	6973

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12 C — STATION
COLD LAKE APT CN — STATION NAME
73-82 — PERIOD
OCT — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
OCT	00-02	100.0	100.0	100.0	99.2	95.9	83.9	66.5	41.3	20.2	76.2	895
	03-05	100.0	100.0	100.0	99.4	97.0	91.0	73.5	51.3	23.5	79.2	902
	06-08	100.0	100.0	100.0	99.8	98.2	93.2	79.5	58.0	26.2	80.9	888
	09-11	100.0	100.0	99.8	97.5	88.4	72.4	51.3	30.9	10.1	70.9	902
	12-14	100.0	100.0	95.2	78.5	57.8	37.2	21.2	9.5	3.0	56.0	905
	15-17	100.0	99.6	92.5	72.8	50.4	32.5	18.5	8.8	2.4	53.5	902
	18-20	100.0	100.0	98.6	92.2	73.1	52.6	32.6	18.9	6.3	63.1	907
	21-23	100.0	100.0	99.8	98.1	87.9	72.5	48.9	29.7	12.4	70.7	912
TOTALS		100.0	100.0	98.2	92.2	81.1	66.9	49.0	31.1	13.0	68.8	7213

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 12.0 STATION COLD LAKE APT CN STATION NAME 73-82 PERIOD NOV MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
NOV	00-02	100.0	100.0	100.0	99.2	97.7	91.7	69.7	41.4	17.1	77.1	677
	03-05	100.0	100.0	100.0	100.0	99.1	94.2	75.0	47.6	18.2	78.6	679
	06-08	100.0	100.0	100.0	99.7	98.7	94.6	76.9	50.3	21.5	79.5	870
	09-11	100.0	100.0	99.7	99.1	96.6	88.4	64.9	38.4	14.9	75.8	673
	12-14	100.0	100.0	99.2	93.7	82.5	66.6	44.9	23.7	7.9	67.3	870
	15-17	100.0	99.8	99.2	94.0	81.9	63.5	43.5	22.4	9.0	66.6	882
	18-20	100.0	100.0	99.4	97.8	92.4	80.8	57.1	32.4	14.1	73.0	863
	21-23	100.0	100.0	100.0	99.0	95.8	88.7	66.8	38.3	16.5	75.9	886
TOTALS		100.0	100.0	99.7	97.8	93.1	83.6	62.4	36.8	14.9	74.2	7.00

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 1200 COLD LAKE APT CN 73-82 DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
DEC	00-02	100.0	100.0	100.0	100.0	100.0	94.1	69.4	38.3	14.3	76.9	971
	03-05	100.0	100.0	100.	100.0	99.6	92.2	70.0	38.3	14.7	76.8	971
	06-08	100.0	100.0	100.0	100.0	99.9	94.5	67.7	38.4	17.9	77.3	931
	09-11	100.0	100.0	100.0	100.0	99.7	92.9	66.3	34.4	15.5	76.3	690
	12-14	100.0	100.0	100.0	99.9	98.9	88.4	58.1	25.6	8.6	73.4	695
	15-17	100.0	100.0	100.0	99.8	99.1	86.9	57.8	25.2	6.8	73.	936
	18-20	100.0	100.0	100.0	100.0	99.8	92.6	67.4	32.0	11.3	75.7	901
	21-23	100.0	100.0	100.0	100.0	99.9	95.3	69.9	34.6	13.5	76.8	937
TOTALS		100.0	100.0	100.0	100.0	99.6	92.1	65.8	33.4	12.8	75.8	7202

USAFETAC FORM JUL 64 0-87-5 (OL A)

CLIMATOLOGY BRANCH
WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] COLD LAKE APT CN (STATION NAME) 73-82 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
JAN	ALL	100.0	100.0	100.0	99.0	97.7	83.2	44.6	21.3	8.9	7[illegible]	7123
FEB		100.0	100.0	100.0	99.0	94.7	75.5	39.9	15.6	4.5	68.6	6[illegible]8
MAR		100.0	100.0	99.8	97.0	86.5	68.2	44.5	23.0	6.9	68.1	7[illegible]
APR		100.0	98.3	9[illegible].3	76.6	65.3	5[illegible].1	32.3	19.	6.5	5[illegible].7	6[illegible]
MAY		100.0	97.6	87.3	73.6	59.9	46.7	34.4	22.5	1[illegible].2	56.6	7175
JUN		100.0	99.7	96.3	86.1	73.6	59.5	46.9	29.5	13.7	66.	6686
JUL		100.0	100.0	99.2	93.1	79.9	66.9	53.8	35.9	15.9	7[illegible].1	7[illegible]
AUG		100.0	100.0	99.4	95.9	86.2	74.2	61.7	43.2	22.3	74.2	7147
SEP		100.0	100.0	98.5	95.5	84.3	73.9	61.2	42.8	21.5	73.3	6[illegible]
OCT		100.0	100.0	98.2	92.2	81.1	66.9	49.[illegible]	31.1	13.2	68.8	7[illegible]13
NOV		100.0	100.0	99.7	97.8	93.1	83.6	62.4	36.8	14.9	74.2	7[illegible]
DEC		100.0	100.0	100.0	100.0	99.6	92.1	65.3	33.4	12.8	75.8	7232
	TOTALS	100.0	99.7	97.4	92.3	83.5	69.8	49.7	29.5	12.6	69.0	84124

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

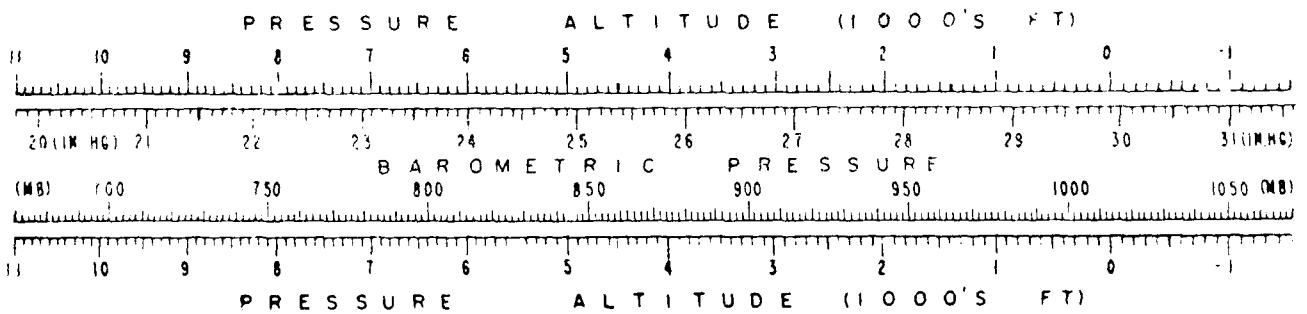
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12 GOLD LAKE APT ON 73-82

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	26.1	026.10027	.99828	.04528	.01227	.96528	.02328	.04428	.06428	.00628	.03428	.015	26.034
		.285	.279	.248	.210	.195	.181	.163	.179	.192	.220	.286	.296	.234
	TOTAL OBS	294	265	296	284	303	280	299	297	298	297	293	296	3574
	MEAN	26.11228	.10628	.00126	.05628	.02727	.97828	.03528	.05928	.07428	.01928	.04028	.023	26.044
		.291	.276	.252	.217	.201	.154	.173	.182	.197	.219	.287	.291	.238
	TOTAL OBS	306	280	305	298	306	286	300	306	297	306	297	307	3601
	MEAN	26.10228	.10328	.00726	.05828	.02727	.97928	.03428	.05328	.07428	.02228	.03928	.014	26.042
		.284	.279	.249	.213	.202	.185	.173	.187	.198	.217	.281	.291	.236
	TOTAL OBS	297	264	294	282	293	273	287	296	282	295	288	301	3457
	MEAN	26.12128	.11828	.01328	.06028	.02527	.97628	.03828	.05628	.07628	.02228	.05228	.035	26.053
1		.292	.281	.251	.216	.202	.182	.170	.188	.194	.224	.293	.297	.240
	TOTAL OBS	303	279	305	275	304	287	301	306	296	306	292	303	3577
	MEAN	26.09528	.08827	.98928	.03828	.00027	.96028	.01828	.03528	.05627	.99728	.02428	.013	26.026
		.284	.277	.242	.208	.195	.173	.159	.175	.188	.219	.284	.284	.232
	TOTAL OBS	302	270	295	291	296	274	286	297	293	302	291	293	3489
	MEAN	26.10928	.09327	.98828	.03827	.99527	.94928	.01828	.03128	.05728	.00428	.04228	.026	26.029
		.289	.276	.239	.206	.190	.173	.157	.178	.181	.220	.280	.289	.232
	TOTAL OBS	309	278	309	297	306	283	299	308	297	307	297	306	3596
	MEAN	26.09628	.08827	.99028	.03627	.98827	.94628	.01328	.03428	.05528	.00126	.03928	.022	26.026
		.283	.273	.233	.203	.181	.170	.153	.167	.182	.219	.278	.294	.227
	TOTAL OBS	294	268	292	285	296	277	285	295	289	302	291	304	3478
	MEAN	26.10626	.10228	.00328	.05428	.01227	.96828	.03428	.04928	.07328	.00926	.04328	.035	26.041
27		.289	.282	.246	.210	.191	.178	.161	.176	.188	.224	.285	.289	.234
	TOTAL OBS	309	279	308	299	308	287	298	302	298	310	298	308	3604
	MEAN	26.10728	.10027	.99928	.04828	.01127	.96528	.02728	.04528	.06628	.01028	.03928	.023	26.037
ALL DATA		.287	.278	.245	.210	.195	.178	.164	.179	.190	.220	.284	.299	.234
	TOTAL OBS	2413	2183	2407	2331	2412	2254	2355	2407	2350	2427	2347	2420	28336

USAFETAC FORM 0-89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

/ 12 COLD LAKE APT CN 73-82

STATION NAME YEARS

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	1020.7	1020.1	1015.3	1015.8	1013.7	1011.6	1013.4	1014.3	1015.6	1014.2	1016.5	1017.1	1015.7
	S.D.	11.177	11.018	9.501	8.054	7.328	6.638	6.015	6.684	7.283	8.314	10.955	11.306	9.221
	TOTAL OBS	296	267	299	284	303	280	299	296	298	299	295	301	3517
	MEAN	1020.9	1020.1	1015.3	1016.0	1014.1	1011.9	1013.6	1014.7	1015.7	1014.4	1016.5	1017.1	1015.8
3	S.D.	11.160	10.789	9.475	8.168	7.463	6.653	6.290	6.658	7.330	8.145	10.879	11.365	9.213
	TOTAL OBS	307	281	310	298	306	288	300	306	297	308	297	307	3605
	MEAN	1021.0	1020.4	1015.9	1016.3	1014.3	1012.0	1013.8	1014.9	1016.2	1015.0	1017.1	1017.2	1016.2
	S.D.	11.049	11.033	9.590	8.082	7.544	6.788	6.320	6.902	7.456	8.166	10.746	11.4[illegible]	9.268
	TOTAL OBS	299	263	298	282	294	278	289	296	282	296	288	3[illegible]1	3456
	MEAN	1021.7	1020.5	1015.6	1016.0	1013.9	1011.7	1013.6	1014.6	1015.8	1014.5	1017.0	1017.6	1016.0
1	S.D.	11.211	10.915	9.465	8.081	7.441	6.526	6.153	6.820	7.220	8.272	11.033	11.594	9.325
	TOTAL OBS	305	280	306	295	304	287	301	306	296	306	293	303	3582
	MEAN	1020.6	1019.7	1015.0	1015.5	1013.3	1011.4	1013.3	1014.0	1015.3	1013.8	1016.2	1017.0	1015.4
	S.D.	11.132	10.911	9.269	7.902	7.248	6.358	5.874	6.538	7.055	8.211	10.858	11.186	9.113
	TOTAL OBS	303	271	297	292	296	276	285	298	295	303	292	294	3502
	MEAN	1020.5	1019.5	1014.8	1015.3	1012.9	1010.8	1013.0	1013.7	1015.1	1013.9	1016.7	1017.3	1015.3
7	S.D.	11.056	10.722	8.999	7.738	7.033	6.238	5.729	6.465	6.774	8.164	10.586	11.241	9.031
	TOTAL OBS	305	278	309	297	306	283	299	308	297	307	297	306	3596
	MEAN	1020.8	1019.9	1015.3	1015.5	1012.8	1010.6	1013.0	1014.1	1015.5	1014.3	1017.0	1017.5	1015.6
10	S.D.	11.096	10.816	8.997	7.778	6.867	6.200	5.664	6.241	6.857	8.185	10.698	11.243	9.049
	TOTAL OBS	298	271	296	285	297	277	286	297	289	300	292	304	3492
	MEAN	1020.8	1019.9	1015.3	1015.8	1013.4	1011.4	1013.4	1014.3	1015.7	1014.1	1016.8	1017.6	1015.7
13	S.D.	11.158	10.904	9.266	7.907	7.103	6.439	5.881	6.446	7.053	8.297	10.613	11.259	9.135
	TOTAL OBS	308	280	308	299	308	287	299	302	298	310	298	308	3605
	MEAN	1020.9	1020.0	1015.3	1015.8	1013.5	1011.4	1013.4	1014.3	1015.6	1014.3	1016.7	1017.3	1015.7
ALL HOURS	S.D.	11.116	10.875	9.315	7.951	7.264	6.487	5.994	6.597	7.126	8.216	10.808	11.321	9.173
	TOTAL OBS	2425	2191	2423	2332	2414	2256	2358	2409	2352	2429	2352	2424	28365

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